

Antimicrobial removal on piglets promotes health and higher bacterial diversity in the nasal microbiota

Florencia Correa-Fiz^{1,*}, José Maurício Gonçalves dos Santos², Francesc Illas³, Virginia Aragon¹

¹ IRTA, Centre de Recerca en Sanitat Animal (CReSA, IRTA-UAB), Campus de la Universitat Autònoma de Barcelona, 08193 Bellaterra, Spain

² Unicesumar-Centro Universitário de Maringá, Maringá, Paraná, Brazil

³ Selección Batallé. Avinguda dels segadors. 17421 Riudarenes, Spain

*Corresponding author: Florencia Correa-Fiz

email: flor.correa@irta.cat

José Maurício Gonçalves dos Santos

email: jmgds@hotmail.com

Francesc Illas

email: fillas@batalle.com

Virginia Aragon

email: virginia.aragon@irta.cat

Additional file 1A. Frequencies of OTUs assigned at genus level from farm MT at the two sampling times (MT1 and MT2).

OTU	Phylum	Class	Order	Family	Genus	Frquency		FDR_P
						MT1	MT2	
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Aerococcaceae</i>	<i>Abiotrophia</i>	1,46812E-05	0	0,11760 1295
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Acetanaerobacterium</i>	9,19829E-05	0,0024192 22	0,02052 4464
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Acetitomaculum</i>	0	7,84276E- 06	0,03758 8881
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Acetivibrio</i>	1,44989E-05	0,0001603 01	0,03646 983
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Peptostreptococcaceae</i>	<i>Acetoanaerobium</i>	0	1,19968E- 06	0,34957 4806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodospirillales</i>	<i>Acetobacteraceae</i>	<i>Acetobacter</i>	0	0,000037	0,08235 5525
<i>Bacteria</i>	<i>Tenericutes</i>	<i>Mollicutes</i>	<i>Acholeplasmatales</i>	<i>Acholeplasmataceae</i>	<i>Acholeplasma</i>	0,00025045	9,1606E-06	0,65591 049
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Alcaligenaceae</i>	<i>Achromobacter</i>	0	2,99919E- 06	0,34957 4806
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XII</i>	<i>Acidaminobacter</i>	0	5,87721E- 07	0,34957 4806
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Acidaminococcaceae</i>	<i>Acidaminococcus</i>	1,37351E-05	0,0007320 89	0,01427 6949
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodospirillales</i>	<i>Acetobacteraceae</i>	<i>Acidicaldus</i>	3,94286E-06	0	0,28504 9407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Acidovorax</i>	3,50182E-05	1,23301E- 05	0,94507 1382
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Moraxellaceae</i>	<i>Acinetobacter</i>	0,010899768	0,0083482 8	0,13246 3567
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pasteurellales</i>	<i>Pasteurellaceae</i>	<i>Actinobacillus</i>	0,005321002	0,0089672 38	0,72845 4189
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Actinomycetaceae</i>	<i>Actinobaculum</i>	5,29732E-06	8,99757E- 07	0,36284 8315

<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Actinomycetaceae</i>	<i>Actinomyces</i>	6,98171E-05	0,0001628 29	0,03555 7906
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micromonosporaceae</i>	<i>Actinoplanes</i>	7,80857E-06	0	0,28504 9407
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Coriobacteriales</i>	<i>Coriobacteriaceae</i>	<i>Adlercreutzia</i>	0,000000862	2,22611E- 06	0,61965 6703
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Alcaligenaceae</i>	<i>Advenella</i>	0,000100444	3,25633E- 05	0,55568 979
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Bacillaceae 1</i>	<i>Aeribacillus</i>	1,41306E-06	0	0,28504 9407
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Aerococcaceae</i>	<i>Aerococcus</i>	0,001004635	0,0016340 28	0,10488 1801
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Aeromonadales</i>	<i>Aeromonadaceae</i>	<i>Aeromonas</i>	7,18931E-05	1,14766E- 05	0,14887 1993
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Bradyrhizobiaceae</i>	<i>Afipia</i>	8,50657E-06	0,0007256 63	0,03389 4854
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Microbacteriaceae</i>	<i>Agrococcus</i>	7,06532E-07	0	0,28504 9407
<i>Bacteria</i>	<i>Verrucomicrobia</i>	<i>Verrucomicrobiae</i>	<i>Verrucomicrobiales</i>	<i>Verrucomicrobiaceae</i>	<i>Akkermansia</i>	1,98358E-05	0,0002378 14	0,04099 7061
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Albidiferax</i>	0	1,48386E- 06	0,34957 4806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Alcaligenaceae</i>	<i>Alcaligenes</i>	5,36476E-05	2,91662E- 07	0,01311 5904
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Alteromonadales</i>	<i>Alteromonadaceae</i>	<i>Alishewanella</i>	0,000001393	4,79871E- 06	1
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Rikenellaceae</i>	<i>Alistipes</i>	0,000157418	1,40027E- 05	0,00218 3045
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Marinilabiaceae</i>	<i>Alkaliflexus</i>	0	4,19887E- 06	0,34957 4806
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Marinilabiliaceae</i>	<i>Alkalitalea</i>	0	4,73698E- 07	0,34957 4806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Moraxellaceae</i>	<i>Alkanindiges</i>	2,43212E-05	6,25013E- 06	0,69529 8567
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Allisonella</i>	7,17768E-06	0,0003782 33	0,02046 2223

<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Allobaculum</i>	0,000000862	4,42176E-07	0,844911363
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Alloiococcus</i>	1,97927E-05	0,000363317	0,79400268
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Vibrionales</i>	<i>Vibrionaceae</i>	<i>Allomonas</i>	3,86271E-05	0	0,117601295
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Prevotellaceae</i>	<i>Alloprevotella</i>	0,00048278	0,018995671	0,064077507
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Neisseriales</i>	<i>Neisseriaceae</i>	<i>Alysiella</i>	0,000533679	3,99027E-05	0,706491451
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodobacterales</i>	<i>Rhodobacteraceae</i>	<i>Amaricoccus</i>	1,66233E-05	0	0,117601295
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiaceae 1</i>	<i>Anaerobacter</i>	1,90093E-05	5,64288E-05	0,082579274
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Aeromonadales</i>	<i>Succinivibrionaceae</i>	<i>Anaerobiospirillum</i>	0	7,36337E-05	0,037588881
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae_Sedis XI</i>	<i>Anaerococcus</i>	0,000135921	0,000346854	0,813663716
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Anaerofilum</i>	1,84716E-05	2,25993E-05	0,473289465
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Eubacteriaceae</i>	<i>Anaerofustis</i>	0	3,78847E-06	0,037588881
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Anaeroglobus</i>	0	1,97729E-06	0,082355525
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Myxococcales</i>	<i>Cystobacteraceae</i>	<i>Anaeromyxobacter</i>	0	1,8518E-06	0,349574806
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Marinilabiaceae</i>	<i>Anaerophaga</i>	0,000179729	0,003246126	0,036566184
<i>Bacteria</i>	<i>Tenericutes</i>	<i>Mollicutes</i>	<i>Anaeroplasmatales</i>	<i>Anaeroplasmataceae</i>	<i>Anaeroplasma</i>	5,59218E-05	0,00015883	0,765087193
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Bacteroidaceae</i>	<i>Anaerorhabdus</i>	0	2,24169E-06	0,17090352
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Incertae Sedis XI</i>	<i>Anaerosphaera</i>	8,75623E-06	4,28835E-06	0,740726595
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiaceae 1</i>	<i>Anaerosporobacter</i>	4,77613E-06	0,000100381	0,007280692

<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Anaerostipes</i>	6,89563E-05	0,0001539 87	1
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Anaerotruncus</i>	9,9237E-06	5,35615E- 05	0,09426 4307
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Anaerovibrio</i>	0,000112203	0,0100874 87	0,03724 2545
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XIII</i>	<i>Anaerovorax</i>	2,32093E-05	0,0005313 62	0,00381 3532
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Bacillaceae 1</i>	<i>Anoxybacillus</i>	8,76192E-07	0	0,28504 9407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Burkholderiales_incertae_ sedis</i>	<i>Aquabacterium</i>	2,17767E-05	7,42095E- 07	0,33476 4268
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Phyllobacteriaceae</i>	<i>Aquamicrobium</i>	1,41546E-05	2,09943E- 06	0,45657 0763
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Actinomycetaceae</i>	<i>Arcanobacterium</i>	8,15922E-06	0,0002629 03	0,37285 7936
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Epsilonproteobacteria</i>	<i>Campylobacterales</i>	<i>Campylobacteraceae</i>	<i>Arcobacter</i>	0,003726715	0,0001773 86	0,48352 206
<i>Bacteria</i>	<i>Armatimonadetes</i>	<i>Armatimonadetes_gp5</i>	<i>Armatimonadetes_gp5</i>	<i>Armatimonadetes_gp5</i>	<i>Armatimonadetes_gp5</i>	5,14343E-05	0	0,01748 4674
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micrococcaceae</i>	<i>Arthrobacter</i>	6,80457E-05	2,37748E- 05	0,14323 4908
<i>Bacteria</i>	<i>Tenericutes</i>	<i>Mollicutes</i>	<i>Anaeroplasmatales</i>	<i>Anaeroplasmataceae</i>	<i>Asteroleplasma</i>	0,000024146	0,0012113 65	0,05582 9295
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Caulobacterales</i>	<i>Caulobacteraceae</i>	<i>Asticcacaulis</i>	3,02417E-06	7,86281E- 07	0,76643 2717
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Atopobacter</i>	0,00000362	3,22388E- 06	0,90010 8638
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Coriobacteriales</i>	<i>Coriobacteriaceae</i>	<i>Atopobium</i>	5,44437E-06	3,25256E- 06	0,74072 6595
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Atopostipes</i>	5,03444E-05	0	0,04710 5791
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Aurantimonadaceae</i>	<i>Aurantimonas</i>	1,22498E-05	0	0,28504 9407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Rhodocyclales</i>	<i>Rhodocyclaceae</i>	<i>Azoarcus</i>	0	0,0000035 99	0,34957 4806

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Pseudomonadaceae</i>	<i>Azomonas</i>	0,000006042	0	0,04710 5791
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Pseudomonadaceae</i>	<i>Azorhizophilus</i>	4,77613E-06	0	0,28504 9407
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Bacillaceae 1</i>	<i>Bacillus</i>	0,000289558	2,48493E-05	0,01061 4291
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Bacteroidaceae</i>	<i>Bacteroides</i>	0,001139096	0,0024381 11	0,41788 6964
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Barnesiella</i>	0,001050761	0,0200440 29	0,04914 0834
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pasteurellales</i>	<i>Pasteurellaceae</i>	<i>Basfia</i>	0	4,42176E-07	0,34957 4806
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Enterococcaceae</i>	<i>Bavariicoccus</i>	1,87951E-05	4,3619E-06	0,65591 049
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Neisseriales</i>	<i>Neisseriaceae</i>	<i>Bergeriella</i>	3,62737E-05	5,28418E-05	0,56248 4662
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Bergeyella</i>	0,232747015	0,0436960 28	0,00262 1822
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pasteurellales</i>	<i>Pasteurellaceae</i>	<i>Bibersteinia</i>	7,00205E-06	0,0000287 71	0,29327 0727
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Bifidobacteriales</i>	<i>Bifidobacteriaceae</i>	<i>Bifidobacterium</i>	6,95368E-06	6,36513E-05	0,06727 7961
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Desulfovibrionales</i>	<i>Desulfovibrionaceae</i>	<i>Bilophila</i>	1,22731E-05	0,0001949 52	0,02046 2223
<i>Bacteria</i>	<i>Planctomycetes</i>	<i>Planctomycetia</i>	<i>Planctomycetales</i>	<i>Planctomycetaceae</i>	<i>Blastopirellula</i>	0	1,0299E-06	0,17090 352
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Blautia</i>	0,000272265	0,0056028 77	0,08257 9274
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Alcaligenaceae</i>	<i>Bordetella</i>	7,76121E-06	6,14968E-06	0,74072 6595
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Bradyrhizobiaceae</i>	<i>Bosea</i>	3,06667E-06	0,0008582 09	0,00502 0543
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Dermabacteraceae</i>	<i>Brachybacterium</i>	0,000116245	0,0002109 55	0,72609 5162
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Brachymonas</i>	6,28151E-06	3,72161E-05	0,88193 0721

<i>Bacteria</i>	<i>Spirochaetes</i>	<i>Spirochaetia</i>	<i>Spirochaetales</i>	<i>Brachyspiraceae</i>	<i>Brachyspira</i>	0	9,25898E-07	0,349574806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Bradyrhizobiaceae</i>	<i>Bradyrhizobium</i>	0	1,46713E-05	0,037588881
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Brevibacteriaceae</i>	<i>Brevibacterium</i>	0,000125586	3,89682E-05	0,013328329
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Caulobacterales</i>	<i>Caulobacteraceae</i>	<i>Brevundimonas</i>	0,000634013	7,50335E-06	0,000967429
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Listeriaceae</i>	<i>Brochothrix</i>	2,28778E-05	0	0,285049407
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Propionibacteriaceae</i>	<i>Brooklawnia</i>	0	2,82927E-06	0,082355525
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Brucellaceae</i>	<i>Brucella</i>	7,51376E-06	0	0,000440292
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Bulleidia</i>	4,98691E-05	0,001675337	0,027750993
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Butyricoccus</i>	0,000155912	0,001132204	0,064077507
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Butyricimonas</i>	0,000016587	0,000193007	0,22251223
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Butyrivibrio</i>	0	0,000532976	0,000636299
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Epsilonproteobacteria</i>	<i>Campylobacterales</i>	<i>Campylobacteraceae</i>	<i>Campylobacter</i>	7,01854E-05	0,018825711	0,020524464
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Candidatus Carsonella</i>	<i>Candidatus Carsonella</i>	<i>Candidatus Carsonella</i>	4,22904E-05	4,87934E-06	0,002807439
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Alcaligenaceae</i>	<i>Candidimonas</i>	6,36817E-06	0	0,285049407
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Capnocytophaga</i>	1,88001E-05	8,67288E-06	0,408368921
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Carnobacterium</i>	9,18491E-06	0	0,285049407
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Planococcaceae</i>	<i>Caryophanon</i>	4,27148E-05	6,73019E-05	1
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Alcaligenaceae</i>	<i>Castellaniella</i>	2,78607E-05	0	0,285049407

<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Catelicoccus</i>	3,40273E-07	5,99838E-07	1
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Catenibacterium</i>	0,000140752	0,001354201	0,082579274
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Catonella</i>	1,60714E-05	9,54332E-06	1
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Cellulomonadaceae</i>	<i>Cellulomonas</i>	1,31429E-06	0	0,285049407
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Cellulosibacter</i>	0	1,09779E-05	0,006111784
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Cellulosilyticum</i>	0	2,02009E-05	0,037588881
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Pseudomonadaceae</i>	<i>Cellvibrio</i>	5,23914E-06	0	0,117601295
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Bacillaceae 2</i>	<i>Cerasibacillus</i>	6,57144E-07	0	0,285049407
<i>Bacteria</i>	<i>Fusobacteria</i>	<i>Fusobacteriia</i>	<i>Fusobacteriales</i>	<i>Fusobacteriaceae</i>	<i>Cetobacterium</i>	1,36109E-06	5,09863E-06	1
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Chryseobacterium</i>	0,000128699	0,00014261	0,282058876
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Citrobacter</i>	6,20085E-05	5,38548E-05	0,018422126
<i>Bacteria</i>	<i>Synergistetes</i>	<i>Synergistia</i>	<i>Synergistales</i>	<i>Synergistaceae</i>	<i>Cloacibacillus</i>	7,06474E-05	0,000244115	0,706491451
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Cloacibacterium</i>	0,000168514	0	0,005853245
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Clostridium III</i>	4,23919E-06	4,32807E-05	0,023856401
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Clostridium IV</i>	0,000278252	0,003695407	0,132463567
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiaceae 1</i>	<i>Clostridium sensu stricto</i>	0,004729025	0,004227616	0,562833754
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Peptostreptococcaceae</i>	<i>Clostridium XI</i>	0,003988915	0,001739411	0,020637558
<i>Bacteria</i>	<i>Fusobacteria</i>	<i>Fusobacteriia</i>	<i>Fusobacteriales</i>	<i>Fusobacteriaceae</i>	<i>Clostridium XIX</i>	5,28246E-06	0,00000271	0,695298567

<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Clostridium XIVa</i>	0,001371008	0,0083694 1	0,10519 2505
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Clostridium XIVb</i>	0,000101329	0,0005721 36	0,20139 9822
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Clostridium XVIII</i>	2,19658E-05	4,62949E- 07	0,04571 4365
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Coriobacteriales</i>	<i>Coriobacteriaceae</i>	<i>Collinsella</i>	3,16375E-05	0	0,00585 3245
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Comamonas</i>	0,001623778	7,65938E- 05	0,01499 7039
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Neisseriales</i>	<i>Neisseriaceae</i>	<i>Conchiformibius</i>	2,12693E-05	0	0,04710 5791
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Coprobacillus</i>	8,73837E-06	1,05067E- 06	0,65591 049
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Coprococcus</i>	0,000221351	0,0015933 8	0,00777 3957
<i>Bacteria</i>	<i>Verrucomicrobia</i>	<i>Opitutae</i>	<i>Puniceococcales</i>	<i>Puniceococcaceae</i>	<i>Coralimargarita</i>	0	6,92428E- 06	0,17090 352
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Corynebacteriaceae</i>	<i>Corynebacterium</i>	0,001968928	0,0033799 73	0,29762 1468
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Cruoricaptor</i>	0	1,20268E- 06	0,17090 352
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Burkholderiaceae</i>	<i>Cupriavidus</i>	0	2,78137E- 06	0,17090 352
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Microbacteriaceae</i>	<i>Curtobacterium</i>	0	2,99919E- 07	0,34957 4806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Rhodocyclales</i>	<i>Rhodocyclaceae</i>	<i>Dechloromonas</i>	2,11959E-06	0	0,28504 9407
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Defluviitaleaceae</i>	<i>Defluviitalea</i>	3,06246E-06	7,10324E- 06	0,27030 6711
<i>Bacteria</i>	<i>Deinococcus- Thermus</i>	<i>Deinococci</i>	<i>Deinococcales</i>	<i>Deinococcaceae</i>	<i>Deinococcus</i>	6,57144E-06	1,07971E- 05	1
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Delftia</i>	0,000143308	7,29849E- 05	0,04914 0834
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Demequinaceae</i>	<i>Demequina</i>	0,000001791	0	0,28504 9407

<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Dermacoccaceae</i>	<i>Dermacoccus</i>	3,03361E-05	0	0,04710 5791
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Dermatophilaceae</i>	<i>Dermatophilus</i>	0	0,0001206 15	0,08235 5525
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Desemzia</i>	0	9,25898E- 07	0,34957 4806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Desulfobacterales</i>	<i>Desulfobulbaceae</i>	<i>Desulfobulbus</i>	0	2,09943E- 06	0,34957 4806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Desulfovibrionales</i>	<i>Desulfovibrionaceae</i>	<i>Desulfovibrio</i>	7,28887E-05	0,0036121 45	0,04833 2655
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Hyphomicrobiaceae</i>	<i>Devosia</i>	1,45887E-05	8,99757E- 07	0,45657 0763
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Dialister</i>	7,16704E-05	0,0016642 06	0,40939 5486
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Diaphorobacter</i>	6,11262E-05	4,34649E- 06	0,01017 7442
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Dietziaceae</i>	<i>Dietzia</i>	5,41814E-05	0	0,00585 3245
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Dolosigranulum</i>	0	2,99919E- 07	0,34957 4806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodospirillales</i>	<i>Rhodospirillaceae</i>	<i>Dongia</i>	2,46823E-06	0	0,11760 1295
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Dorea</i>	0,00018525	0,0012038 76	0,10519 2505
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Dysgonomonas</i>	6,20335E-05	0,0000398 16	0,41455 3486
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Elizabethkingia</i>	0	0,0004520 84	0,00611 1784
<i>Bacteria</i>	<i>Elusimicrobia</i>	<i>Elusimicrobia</i>	<i>Elusimicrobiales</i>	<i>Elusimicrobiaceae</i>	<i>Elusimicrobium</i>	2,43106E-05	0,0001356 28	0,05096 1937
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Empedobacter</i>	0,000120925	0,0001031 45	0,71439 3038
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Moraxellaceae</i>	<i>Enhydrobacter</i>	7,18973E-05	2,79956E- 05	0,17930 0898
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Enterobacter</i>	2,30968E-05	1,07794E- 06	0,88193 0721

<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Enterococcaceae</i>	<i>Enterococcus</i>	0,000312725	0,0002779 36	1
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Coriobacteriales</i>	<i>Coriobacteriaceae</i>	<i>Enterorhabdus</i>	0,000005877	7,39733E- 06	0,56254 8843
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Erysipelothrix</i>	2,51857E-05	0,0001854 12	0,04833 2655
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Erysipelotrichaceae_i ncertae_sedis</i>	0,000115114	0,0020377 31	0,04914 0834
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Escherichia/Shigella</i>	0,000992541	0,0117527 99	0,41788 6964
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Ethanoligenens</i>	0	2,85123E- 05	0,00611 1784
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Eubacteriaceae</i>	<i>Eubacterium</i>	0,000139422	0,0065752 3	0,02789 0529
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Bacillales_Incertae Sedis XII</i>	<i>Exiguobacterium</i>	6,24715E-06	0	0,11760 1295
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Aerococcaceae</i>	<i>Facklamia</i>	0,000315975	0,0003673 23	0,02650 5644
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Faecalibacterium</i>	0,000216487	0,0141287 83	0,01089 6354
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Fastidiosipila</i>	1,84454E-05	0,0001154 7	0,62558 5232
<i>Bacteria</i>	<i>Fibrobacteres</i>	<i>Fibrobacteria</i>	<i>Fibrobacterales</i>	<i>Fibrobacteraceae</i>	<i>Fibrobacter</i>	7,59818E-05	0,0010928 8	0,07709 9872
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Peptostreptococcaceae</i>	<i>Filifactor</i>	3,16835E-05	3,17815E- 06	0,65591 049
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Sphingobacteriia</i>	<i>Sphingobacteriales</i>	<i>Chitinophagaceae</i>	<i>Filimonas</i>	2,88376E-05	1,04998E- 05	0,11304 8724
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XI</i>	<i>Finegoldia</i>	2,06313E-05	0,0000102 71	0,76643 2717
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Sphingobacteriia</i>	<i>Sphingobacteriales</i>	<i>Chitinophagaceae</i>	<i>Flavihumibacter</i>	3,40273E-07	0	0,28504 9407
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Sphingobacteriia</i>	<i>Sphingobacteriales</i>	<i>Chitinophagaceae</i>	<i>Flavitalea</i>	1,30143E-06	0	0,28504 9407
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Flavobacterium</i>	0,001038177	6,01473E- 05	0,18859 3442

<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Flavonifractor</i>	8,21808E-05	0,0017575 43	0,02063 7558
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Cryomorphaceae</i>	<i>Fluviicola</i>	9,57215E-05	0	0,28504 9407
<i>Bacteria</i>	<i>Fusobacteria</i>	<i>Fusobacteriia</i>	<i>Fusobacteriales</i>	<i>Fusobacteriaceae</i>	<i>Fusobacterium</i>	0,000955587	0,0002899 78	0,06407 7507
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XI</i>	<i>Gallicola</i>	1,37536E-05	8,11067E- 05	0,80177 6827
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Gelidibacter</i>	0	1,4996E-06	0,34957 4806
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Bacillales_Incertae Sedis XI</i>	<i>Gemella</i>	0,000272139	1,82939E- 05	0,22251 223
<i>Bacteria</i>	<i>Planctomycetes</i>	<i>Planctomycetia</i>	<i>Planctomycetales</i>	<i>Planctomycetaceae</i>	<i>Gemmata</i>	1,29304E-05	0	0,28504 9407
<i>Bacteria</i>	<i>Gemmatimonade tes</i>	<i>Gemmatimonadetes</i>	<i>Gemmatimonadales</i>	<i>Gemmatimonadaceae</i>	<i>Gemmatimonas</i>	0,000000862	0	0,28504 9407
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Gemmiger</i>	0,00018848	0,0125043 24	0,01508 7256
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Bogoriellaceae</i>	<i>Georgenia</i>	0	2,91662E- 07	0,34957 4806
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Gillisia</i>	0	4,73698E- 07	0,34957 4806
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Aerococcaceae</i>	<i>Globicatella</i>	0,00020017	0,0017711 78	0,29589 0126
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Glycomycetaceae</i>	<i>Glycomyces</i>	1,97143E-06	0	0,28504 9407
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Nocardiaceae</i>	<i>Gordonia</i>	3,14576E-05	0	0,11760 1295
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Coriobacteriales</i>	<i>Coriobacteriaceae</i>	<i>Gordonibacter</i>	0,000001724	3,66206E- 06	0,37285 7936
<i>Bacteria</i>	<i>Acidobacteria</i>	<i>Acidobacteria_Gp16</i>	<i>Gp16</i>	<i>Gp16</i>	<i>Gp16</i>	8,54287E-06	0	0,28504 9407
<i>Bacteria</i>	<i>Acidobacteria</i>	<i>Acidobacteria_Gp6</i>	<i>Gp6</i>	<i>Gp6</i>	<i>Gp6</i>	3,44809E-06	0	0,28504 9407
<i>Bacteria</i>	<i>Acidobacteria</i>	<i>Acidobacteria_Gp7</i>	<i>Gp7</i>	<i>Gp7</i>	<i>Gp7</i>	3,18408E-06	0	0,28504 9407

Bacteria	Cyanobacteria/Chloroplast	Cyanobacteria	Family I	Family I	Gpl	1,71022E-05	0	0,117601295
Bacteria	Firmicutes	Bacilli	Lactobacillales	Carnobacteriaceae	Granulicatella	7,53363E-05	2,95999E-05	0,338979844
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Propionibacteriaceae	Granulicoccus	0	2,99919E-07	0,349574806
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales_Incertae Sedis XII	Guggenheimella	4,16191E-06	4,18101E-05	0,372857936
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Microbacteriaceae	Gulosibacter	4,57712E-06	2,99919E-07	0,844911363
Bacteria	Proteobacteria	Gammaproteobacteria	Pasteurellales	Pasteurellaceae	Haemophilus	0,138797358	0,028801318	0,015087256
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Prevotellaceae	Hallella	2,08979E-05	0,002399751	0,027333767
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Ruaniaceae	Haloactinobacterium	0	3,89895E-06	0,349574806
Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae 2	Halolactibacillus	0	1,19968E-06	0,349574806
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales_Incertae Sedis XI	Helcococcus	6,64828E-05	0,001677115	0,55568979
Bacteria	Proteobacteria	Epsilonproteobacteria	Campylobacteriales	Helicobacteraceae	Helicobacter	5,92942E-06	0,000135159	0,068743836
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Hespellia	0	6,96344E-06	0,015891197
Bacteria	Firmicutes	Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	Holdemania	8,33623E-05	0,003027302	0,027750993
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Howardella	0	3,19799E-05	0,015891197
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Hydrogenoanaerobacterium	0	3,66177E-05	0,002102622
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Hydrogenophaga	3,31524E-05	0	0,117601295
Bacteria	Proteobacteria	Betaproteobacteria	Hydrogenophilales	Hydrogenophilaceae	Hydrogenophilus	0,000000991	0	0,117601295
Bacteria	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Chitinophagaceae	Hydrotalea	6,80546E-07	0	0,285049407

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Hyphomicrobiaceae</i>	<i>Hyphomicrobium</i>	6,03417E-06	1,02386E-05	0,214919521
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Xanthomonadales</i>	<i>Xanthomonadaceae</i>	<i>Ignatzschineria</i>	1,37092E-05	0	0,117601295
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Acidimicrobiales</i>	<i>Acidimicrobiaceae</i>	<i>Ilumatobacter</i>	0,000001791	2,33816E-05	0,619656703
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodospirillales</i>	<i>Rhodospirillaceae</i>	<i>Insolitispirillum</i>	3,31343E-05	5,87721E-07	0,045714365
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Isobaculum</i>	0,000000995	2,81489E-06	0,234763663
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Intrasporangiaceae</i>	<i>Janibacter</i>	0,000007565	7,2242E-06	0,881930721
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Oxalobacteraceae</i>	<i>Janthinobacterium</i>	1,39524E-05	0	0,047105791
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Staphylococcaceae</i>	<i>Jeotgalicoccus</i>	0,000100408	0,000196838	0,282058876
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Johnsonella</i>	0,000000199	0	0,285049407
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Jonesiaceae</i>	<i>Jonesia</i>	2,82613E-06	0	0,285049407
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Kandleria</i>	0	5,88275E-06	0,17090352
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Alcaligenaceae</i>	<i>Kerstesia</i>	0,000000398	0	0,285049407
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Kineosporiaceae</i>	<i>Kineococcus</i>	0,000037929	0	0,285049407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Neisseriales</i>	<i>Neisseriaceae</i>	<i>Kingella</i>	0,003130715	0,001977631	0,164914823
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Klebsiella</i>	0,001106914	0,000103761	0,037073147
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micrococcaceae</i>	<i>Kocuria</i>	0,000112007	2,63599E-05	0,010197877
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Planococcaceae</i>	<i>Kurthia</i>	3,35537E-05	0,000230548	0,625585232
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Dermaococcaceae</i>	<i>Kytococcus</i>	2,18913E-05	0	0,017484674

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Xanthobacteraceae</i>	<i>Labrys</i>	0	2,47309E-06	0,349574806
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Lachnoanaerobaculum</i>	1,22178E-05	1,91984E-05	0,285992181
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Lachnobacterium</i>	0	1,16675E-05	0,037588881
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Lachnospira</i>	0	6,03365E-05	0,015891197
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Lachnospiraceae_incertae_sedis</i>	0,000693852	0,012367029	0,132463567
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Lacticigenium</i>	7,06532E-07	0	0,285049407
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Lactobacillaceae</i>	<i>Lactobacillus</i>	0,003277203	0,034557655	0,003813532
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Streptococcaceae</i>	<i>Lactococcus</i>	4,39816E-06	0,0108555	0,002183045
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Lactonifactor</i>	7,06532E-07	4,60501E-05	0,012056639
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Streptococcaceae</i>	<i>Lactovum</i>	4,37984E-05	2,40007E-05	0,417470854
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Lampropedia</i>	0	4,42176E-07	0,349574806
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Cytophagia</i>	<i>Cytophagales</i>	<i>Cytophagaceae</i>	<i>Leadbetterella</i>	2,60697E-05	0	0,285049407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Leclercia</i>	4,38096E-07	4,42176E-07	1
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Leminorella</i>	0,000000199	0	0,285049407
<i>Bacteria</i>	<i>Fusobacteria</i>	<i>Fusobacteriia</i>	<i>Fusobacteriales</i>	<i>Leptotrichiaceae</i>	<i>Leptotrichia</i>	0,000108726	3,42739E-05	0,393153438
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Microbacteriaceae</i>	<i>Leucobacter</i>	3,35391E-05	9,29749E-06	0,113048724
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Leuconostocaceae</i>	<i>Leuconostoc</i>	3,65688E-05	0,001122494	0,048332655
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Limnohabitans</i>	9,33337E-06	1,39701E-05	0,490840373

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pasteurellales</i>	<i>Pasteurellaceae</i>	<i>Lonepinella</i>	0	4,42176E-07	0,349574806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Xanthomonadales</i>	<i>Xanthomonadaceae</i>	<i>Luteimonas</i>	0	3,29911E-06	0,349574806
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Propionibacteriaceae</i>	<i>Luteococcus</i>	8,40996E-05	7,13403E-05	0,144376523
<i>Bacteria</i>	<i>Verrucomicrobia</i>	<i>Verrucomicrobiae</i>	<i>Verrucomicrobiales</i>	<i>Verrucomicrobiaceae</i>	<i>Luteolibacter</i>	3,88131E-06	5,87721E-07	0,362848315
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Gracilibacteraceae</i>	<i>Lutispora</i>	6,89619E-06	6,18123E-06	0,740726595
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Planococcaceae</i>	<i>Lysinibacillus</i>	0,000000995	0,00000743	0,298500252
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Xanthomonadales</i>	<i>Xanthomonadaceae</i>	<i>Lysobacter</i>	2,38191E-06	0	0,285049407
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Staphylococcaceae</i>	<i>Macrococcus</i>	1,13045E-05	0	0,285049407
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Marinilabiliaceae</i>	<i>Mangroviflexus</i>	1,13045E-05	1,32653E-06	0,844911363
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pasteurellales</i>	<i>Pasteurellaceae</i>	<i>Mannheimia</i>	0,006325729	0,001890478	0,489953608
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Oceanospirillales</i>	<i>Oceanospirillaceae</i>	<i>Marinospirillum</i>	2,93846E-05	4,79871E-06	0,362848315
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Nocardioideaceae</i>	<i>Marmoricola</i>	0,000003743	0	0,285049407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Aurantimonadaceae</i>	<i>Martelella</i>	0,000000398	0	0,285049407
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Marvinbryantia</i>	1,88492E-05	3,84986E-06	0,233073458
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Oxalobacteraceae</i>	<i>Massilia</i>	1,82364E-05	0	0,047105791
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Megasphaera</i>	0,000107022	0,021632281	0,007773957
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Enterococcaceae</i>	<i>Melissococcus</i>	0	2,91662E-07	0,349574806
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Cytophagia</i>	<i>Cytophagales</i>	<i>Cytophagaceae</i>	<i>Meniscus</i>	0	4,73698E-07	0,349574806

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Phyllobacteriaceae</i>	<i>Mesorhizobium</i>	1,15005E-05	3,25504E-05	0,949955982
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Bifidobacteriales</i>	<i>Bifidobacteriaceae</i>	<i>Metascardovia</i>	0	4,8573E-06	0,082355525
<i>Archaea</i>	<i>Euryarchaeota</i>	<i>Methanobacteria</i>	<i>Methanobacteriales</i>	<i>Methanobacteriaceae</i>	<i>Methanobrevibacter</i>	0,000174022	0,001034084	0,417886964
<i>Archaea</i>	<i>Euryarchaeota</i>	<i>Methanobacteria</i>	<i>Methanobacteriales</i>	<i>Methanobacteriaceae</i>	<i>Methanosphaera</i>	2,60286E-06	4,94619E-07	0,844911363
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Methylophilales</i>	<i>Methylophilaceae</i>	<i>Methylobacillus</i>	1,87551E-05	0	0,117601295
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Methylobacteriaceae</i>	<i>Methylobacterium</i>	2,35034E-05	4,42176E-07	0,013115904
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Methylophilales</i>	<i>Methylophilaceae</i>	<i>Methylophilus</i>	1,27885E-05	0	0,117601295
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Microbacteriaceae</i>	<i>Microbacterium</i>	0,000880889	8,23771E-06	0,000817973
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micrococcaceae</i>	<i>Micrococcus</i>	0,000180634	2,23779E-05	0,010197877
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Propionibacteriaceae</i>	<i>Microlunatus</i>	1,95214E-06	0	0,285049407
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Nocardiaceae</i>	<i>Millisia</i>	0,000000199	3,29911E-06	1
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Mitsuokella</i>	4,15509E-05	0,00197205	0,007773957
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae_Sedis XIII</i>	<i>Mogibacterium</i>	2,49425E-05	2,14525E-05	0,203017106
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Moheibacter</i>	2,77578E-05	2,98345E-06	0,270306711
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Moraxellaceae</i>	<i>Moraxella</i>	0,342219279	0,091731595	0,015087256
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Morganella</i>	8,13932E-05	0	0,285049407
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Moryella</i>	1,67557E-06	0	0,117601295
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Motilibacter</i>	<i>Motilibacter</i>	0,000004555	0	0,285049407

<i>Bacteria</i>	<i>Deferribacteres</i>	<i>Deferribacteres</i>	<i>Deferribacterales</i>	<i>Deferribacteraceae</i>	<i>Mucispirillum</i>	2,28417E-05	0,001106287	0,209482376
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Incertae Sedis XI</i>	<i>Murdochiella</i>	1,64151E-05	8,76506E-05	0,850652329
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Mycobacteriaceae</i>	<i>Mycobacterium</i>	1,89645E-05	0	0,285049407
<i>Bacteria</i>	<i>Tenericutes</i>	<i>Mollicutes</i>	<i>Mycoplasmatales</i>	<i>Mycoplasmataceae</i>	<i>Mycoplasma</i>	0,030510822	0,005765404	0,010896354
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Myroides</i>	0,003350288	2,56877E-05	0,006716646
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Natranaerovirga</i>	<i>Natranaerovirga</i>	0	8,84352E-07	0,349574806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Oxalobacteraceae</i>	<i>Naxibacter</i>	4,14041E-06	2,33937E-05	0,562548843
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Negativicoccus</i>	0	4,94619E-07	0,349574806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Neisseriales</i>	<i>Neisseriaceae</i>	<i>Neisseria</i>	0,049348792	0,04257156	0,35453948
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micrococcaceae</i>	<i>Nesterenkonia</i>	6,53571E-05	2,99919E-07	0,000988911
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pasteurellales</i>	<i>Pasteurellaceae</i>	<i>Nicoletella</i>	2,58607E-06	0	0,285049407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Oceanospirillales</i>	<i>Oceanospirillaceae</i>	<i>Nitrincola</i>	0,000001194	0	0,285049407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Bradyrhizobiaceae</i>	<i>Nitrobacter</i>	1,05433E-05	0	0,117601295
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Nocardioidaceae</i>	<i>Nocardioides</i>	1,65612E-05	1,52574E-06	0,65591049
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Staphylococcaceae</i>	<i>Nosocomiicoccus</i>	4,34529E-06	6,04831E-05	0,272253581
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Sphingomonadales</i>	<i>Sphingomonadaceae</i>	<i>Novosphingobium</i>	5,54849E-05	0	0,017484674
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Aeromonadales</i>	<i>Aeromonadaceae</i>	<i>Oceanimonas</i>	1,25373E-05	1,4996E-06	0,844911363
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Brucellaceae</i>	<i>Ochrobactrum</i>	0,000889613	0,000028509	0,001076633

<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Odoribacter</i>	6,56252E-06	7,25376E-05	0,490840373
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidetes"_incertae_se dis</i>	<i>Ohtaekwangia</i>	<i>Ohtaekwangia</i>	<i>Ohtaekwangia</i>	0	2,31475E-06	0,349574806
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Microbacteriaceae</i>	<i>Okibacterium</i>	8,79551E-07	0	0,117601295
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Alcaligenaceae</i>	<i>Oligella</i>	0,000000796	0	0,285049407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Bradyrhizobiaceae</i>	<i>Oligotropha</i>	0	8,915E-07	0,17090352
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Coriobacteriales</i>	<i>Coriobacteriaceae</i>	<i>Olsenella</i>	1,01113E-05	0,00010059	0,169282508
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Oribacterium</i>	0,000139212	0,000953139	0,04893855
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Intrasporangiaceae</i>	<i>Ornithinimicrobium</i>	0	2,98345E-06	0,17090352
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Ornithobacterium</i>	2,14444E-05	0,000055934	0,063939089
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Oscillibacter</i>	0,001180058	0,01423382	0,164914823
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pasteurellales</i>	<i>Pasteurellaceae</i>	<i>Otariodibacter</i>	6,48808E-05	4,67181E-05	0,643428844
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Sphingobacteriia</i>	<i>Sphingobacteriales</i>	<i>Chitinophagaceae</i>	<i>Other</i>	0,026914734	0,008368843	0,048332655
<i>Bacteria</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0,010044255	0,003342864	0,132463567
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Other</i>	0,002837881	0,024979279	0,082579274
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Other</i>	<i>Other</i>	0,001954701	0,018041689	0,132463567
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Other</i>	0,001358907	0,009779488	0,105192505
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Other</i>	0,000138323	0,008259076	0,010825507
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Other</i>	0,000176862	0,006048777	0,064077507

<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0,000426828	0,0055155 93	0,02789 0529
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Other</i>	0,000443254	0,0051071 63	0,10519 2505
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Other</i>	<i>Other</i>	0,000445299	0,0050620 05	0,02789 0529
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Prevotellaceae</i>	<i>Other</i>	3,52357E-05	0,0040746 1	0,04265 8104
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pasteurellales</i>	<i>Pasteurellaceae</i>	<i>Other</i>	0,004814278	0,0039563 73	0,20301 7106
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0,000230167	0,0034463 2	0,20301 7106
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Enterococcaceae</i>	<i>Other</i>	0,003645571	0,0025444 4	0,56143 2374
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Aerococcaceae</i>	<i>Other</i>	0,000220519	0,0025368 73	1
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	3,56846E-05	0,0012138 76	0,01419 5744
<i>Bacteria</i>	<i>Planctomycetes</i>	<i>Planctomycetia</i>	<i>Planctomycetales</i>	<i>Planctomycetaceae</i>	<i>Other</i>	7,97945E-05	0,0011580 77	0,06312 8008
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Other</i>	6,22529E-05	0,0008104 52	0,02063 7558
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Sphingobacteriia</i>	<i>Sphingobacteriales</i>	<i>Sphingobacteriaceae</i>	<i>Other</i>	0,000118235	0,0005491 54	0,64223 7837
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Other</i>	<i>Other</i>	3,30442E-05	0,0005081 94	0,00262 1822
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Neisseriales</i>	<i>Neisseriaceae</i>	<i>Other</i>	0,001085817	0,0004588 41	0,10519 2505
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XIII</i>	<i>Other</i>	1,52786E-05	0,0004122 18	0,02018 6618
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Desulfovibrionales</i>	<i>Desulfovibrionaceae</i>	<i>Other</i>	5,87389E-05	0,0002937 13	0,09041 0706
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Other</i>	3,65281E-05	0,0002906 65	0,03656 6184
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Other</i>	0,000034318	0,0002881 75	0,20261 3531

<i>Unclassified</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0,0055402	0,000285374	0,001780211
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Coriobacteriales</i>	<i>Coriobacteriaceae</i>	<i>Other</i>	6,49454E-05	0,000240768	0,072593149
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XI</i>	<i>Other</i>	6,58162E-05	0,000235456	0,346484118
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	6,40578E-06	0,000207409	0,001886168
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiaceae 1</i>	<i>Other</i>	6,66141E-05	0,000194602	0,064077507
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Other</i>	<i>Other</i>	0,000034557	0,000178001	0,201399822
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Acidaminococcaceae</i>	<i>Other</i>	0	0,000168738	0,006111784
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Other</i>	<i>Other</i>	0,000355748	0,000157894	0,082305182
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Moraxellaceae</i>	<i>Other</i>	0,000332247	0,000138773	0,104881801
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0,000102763	0,000130469	0,35453948
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Other</i>	<i>Other</i>	0,000001724	0,000121686	0,036713856
<i>Bacteria</i>	<i>Spirochaetes</i>	<i>Spirochaetia</i>	<i>Spirochaetales</i>	<i>Spirochaetaceae</i>	<i>Other</i>	0	0,000119004	0,015891197
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0,000359929	0,000106706	0,005478553
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Incertae Sedis XI</i>	<i>Other</i>	0	9,27013E-05	0,082355525
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0,000400693	8,42972E-05	0,015087256
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	1,31488E-05	7,28777E-05	0,131079232
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Lactobacillaceae</i>	<i>Other</i>	2,38119E-06	7,07067E-05	0,000967429
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Epsilonproteobacteria</i>	<i>Campylobacteriales</i>	<i>Other</i>	<i>Other</i>	0	5,18825E-05	0,006111784

<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	7,78551E-06	5,13085E-05	0,019769406
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Desulfovibrionales</i>	<i>Other</i>	<i>Other</i>	0	0,00002425	0,006111784
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Marinilabiaceae</i>	<i>Other</i>	0	0,000023066	0,002102622
<i>Bacteria</i>	<i>Synergistetes</i>	<i>Synergistia</i>	<i>Synergistales</i>	<i>Synergistaceae</i>	<i>Other</i>	3,04167E-05	2,27804E-05	0,625585232
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Streptococcaceae</i>	<i>Other</i>	3,9297E-06	2,04634E-05	0,625585232
<i>Bacteria</i>	<i>Fusobacteria</i>	<i>Fusobacteriia</i>	<i>Fusobacteriales</i>	<i>Leptotrichiaceae</i>	<i>Other</i>	4,08328E-06	2,01207E-05	0,619656703
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodospirillales</i>	<i>Rhodospirillaceae</i>	<i>Other</i>	0,000005749	0,000019618	0,148871993
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Sutterellaceae</i>	<i>Other</i>	0	1,63834E-05	0,037588881
<i>Bacteria</i>	<i>Spirochaetes</i>	<i>Spirochaetia</i>	<i>Spirochaetales</i>	<i>Other</i>	<i>Other</i>	0	1,16735E-05	0,037588881
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micrococcaceae</i>	<i>Other</i>	1,82226E-05	1,08583E-05	1
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Alcaligenaceae</i>	<i>Other</i>	9,35325E-06	9,65522E-06	0,372857936
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Sphingomonadales</i>	<i>Other</i>	<i>Other</i>	0,000000199	9,29749E-06	1
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Corynebacteriaceae</i>	<i>Other</i>	4,38096E-07	9,06842E-06	0,050186187
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Other</i>	<i>Other</i>	2,99795E-05	9,00509E-06	0,048595087
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Epsilonproteobacteria</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0	8,17793E-06	0,037588881
<i>Bacteria</i>	<i>Verrucomicrobia</i>	<i>Opitutae</i>	<i>Puniceicoccales</i>	<i>Puniceicoccaceae</i>	<i>Other</i>	0	6,58282E-06	0,17090352
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0	6,2983E-06	0,349574806
<i>Bacteria</i>	<i>Fusobacteria</i>	<i>Fusobacteriia</i>	<i>Fusobacteriales</i>	<i>Fusobacteriaceae</i>	<i>Other</i>	2,95552E-06	5,68375E-06	0,896124778

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Other</i>	4,68385E-05	5,54533E-06	0,238592829
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Propionibacteriaceae</i>	<i>Other</i>	0,000010175	5,39854E-06	0,456570763
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Other</i>	<i>Other</i>	5,67973E-05	5,16472E-06	0,07886029
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Sphingobacteriia</i>	<i>Sphingobacteriales</i>	<i>Other</i>	<i>Other</i>	6,80546E-07	0,000004425	0,372857936
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Bradyrhizobiaceae</i>	<i>Other</i>	0,000000219	3,46156E-06	0,234763663
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Aeromonadales</i>	<i>Succinivibrionaceae</i>	<i>Other</i>	0	3,18907E-06	0,082355525
<i>Bacteria</i>	<i>Lentisphaerae</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0	3,09523E-06	0,349574806
<i>Bacteria</i>	<i>Cyanobacteria/Chloroplast</i>	<i>Chloroplast</i>	<i>Chloroplast</i>	<i>Chloroplast</i>	<i>Other</i>	0,000000219	2,95893E-06	1
<i>Bacteria</i>	<i>Tenericutes</i>	<i>Mollicutes</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0	2,9386E-06	0,349574806
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Peptostreptococcaceae</i>	<i>Other</i>	5,40363E-06	2,67175E-06	0,329113986
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Burkholderiales_incertae_sedis</i>	<i>Other</i>	6,56561E-06	2,65305E-06	0,456570763
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Cytophagia</i>	<i>Cytophagales</i>	<i>Other</i>	<i>Other</i>	0	2,64751E-06	0,17090352
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Sphingomonadales</i>	<i>Sphingomonadaceae</i>	<i>Other</i>	0	0,000002625	0,349574806
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Dermacoccaceae</i>	<i>Other</i>	0,000001724	2,28861E-06	0,740726595
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Microbacteriaceae</i>	<i>Other</i>	1,43262E-05	2,0752E-06	0,020462223
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Eubacteriaceae</i>	<i>Other</i>	0	1,94714E-06	0,082355525
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Intrasporangiaceae</i>	<i>Other</i>	0	1,79951E-06	0,349574806
<i>Bacteria</i>	<i>Verrucomicrobia</i>	<i>Verrucomicrobiae</i>	<i>Verrucomicrobiales</i>	<i>Verrucomicrobiaceae</i>	<i>Other</i>	1,41306E-06	1,76963E-06	0,457717434

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Desulfovibrionales</i>	<i>Desulfhalobiaceae</i>	<i>Other</i>	0	1,7687E-06	0,34957 4806
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Dermabacteraceae</i>	<i>Other</i>	0,00000126	1,66263E-06	1
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Dermatophilaceae</i>	<i>Other</i>	1,13045E-05	1,4996E-06	0,84491 1363
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Rhodocyclales</i>	<i>Rhodocyclaceae</i>	<i>Other</i>	0	1,4996E-06	0,34957 4806
<i>Archaea</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	2,87398E-05	1,48748E-06	0,00502 0543
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Hyphomicrobiaceae</i>	<i>Other</i>	0,000050848	1,47947E-06	0,00473 8512
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodobacterales</i>	<i>Rhodobacteraceae</i>	<i>Other</i>	0,000026016	1,39438E-06	0,27030 6711
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Aeromonadales</i>	<i>Aeromonadaceae</i>	<i>Other</i>	5,57215E-06	1,36807E-06	0,74072 6595
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Staphylococcaceae</i>	<i>Other</i>	7,19091E-05	1,35059E-06	0,18750 2587
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Acidimicrobiales</i>	<i>Other</i>	<i>Other</i>	0	1,19968E-06	0,34957 4806
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Other</i>	<i>Other</i>	0,000000597	1,17544E-06	1
<i>Archaea</i>	<i>Euryarchaeota</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0	1,17544E-06	0,34957 4806
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Gracilibacteraceae</i>	<i>Other</i>	0	1,17544E-06	0,34957 4806
<i>Archaea</i>	<i>Crenarchaeota</i>	<i>Thermoprotei</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	7,7309E-06	1,06528E-06	0,14887 1993
<i>Bacteria</i>	<i>Verrucomicrobia</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0	1,06142E-06	0,17090 352
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Planococcaceae</i>	<i>Other</i>	3,5821E-06	0,0000010 42	0,74072 6595
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Other</i>	<i>Other</i>	1,59298E-05	8,915E-07	0,02385 6401
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Oxalobacteraceae</i>	<i>Other</i>	7,45463E-06	8,84352E-07	0,13748 5208

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Xanthomonadales</i>	<i>Xanthomonadaceae</i>	<i>Other</i>	6,64222E-06	5,99838E-07	0,010075007
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Phyllobacteriaceae</i>	<i>Other</i>	1,41306E-06	5,99838E-07	0,844911363
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Cytophagia</i>	<i>Cytophagales</i>	<i>Cytophagaceae</i>	<i>Other</i>	0	5,87721E-07	0,349574806
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Peptococcaceae 1</i>	<i>Other</i>	0	4,62949E-07	0,349574806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Epsilonproteobacteria</i>	<i>Campylobacterales</i>	<i>Helicobacteraceae</i>	<i>Other</i>	0	4,42176E-07	0,349574806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Aeromonadales</i>	<i>Other</i>	<i>Other</i>	0	4,42176E-07	0,349574806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodospirillales</i>	<i>Other</i>	<i>Other</i>	7,3632E-06	2,99919E-07	0,844911363
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodospirillales</i>	<i>Acetobacteraceae</i>	<i>Other</i>	0	2,99919E-07	0,349574806
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Leuconostocaceae</i>	<i>Other</i>	0	2,91662E-07	0,349574806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Pseudomonadaceae</i>	<i>Other</i>	9,07211E-05	0	0,005853245
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Bacillaceae 1</i>	<i>Other</i>	4,20572E-05	0	0,285049407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Sphingomonadales</i>	<i>Erythrobacteraceae</i>	<i>Other</i>	2,25969E-05	0	0,117601295
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Kineosporiaceae</i>	<i>Other</i>	1,75127E-05	0	0,117601295
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Geodermatophilaceae</i>	<i>Other</i>	1,07278E-05	0	0,117601295
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Bacillaceae 2</i>	<i>Other</i>	7,28833E-06	0	0,047105791
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Oceanospirillales</i>	<i>Other</i>	<i>Other</i>	7,16419E-06	0	0,285049407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Myxococcales</i>	<i>Polyangiaceae</i>	<i>Other</i>	3,06246E-06	0	0,285049407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Vibrionales</i>	<i>Vibrionaceae</i>	<i>Other</i>	2,0101E-06	0	0,117601295

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Caulobacteriales</i>	<i>Caulobacteraceae</i>	<i>Other</i>	1,9431E-06	0	0,11760 1295
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Cryomorphaceae</i>	<i>Other</i>	0,000000995	0	0,28504 9407
<i>Bacteria</i>	<i>Chloroflexi</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0,000000862	0	0,28504 9407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Oceanospirillales</i>	<i>Oceanospirillaceae</i>	<i>Other</i>	0,000000796	0	0,28504 9407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Brucellaceae</i>	<i>Other</i>	6,37101E-07	0	0,11760 1295
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Epsilonproteobacteria</i>	<i>Campylobacteriales</i>	<i>Campylobacteraceae</i>	<i>Other</i>	0,000000398	0	0,28504 9407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Oxalobacteraceae</i>	<i>Oxalobacter</i>	0	0,0001160 42	0,00210 2622
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Alcaligenaceae</i>	<i>Paenalcaligenes</i>	0,000242556	9,89237E- 07	0,36284 8315
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Paenibacillaceae 1</i>	<i>Paenibacillus</i>	1,99005E-06	0	0,28504 9407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Brucellaceae</i>	<i>Paenochrobactrum</i>	2,84578E-05	1,97847E- 06	0,84491 1363
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Paludibacter</i>	0,00022408	0,0009513 21	0,24546 6862
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Pantoea</i>	5,70972E-06	9,25898E- 07	0,45657 0763
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Papillibacter</i>	2,84254E-05	0,0003378 2	0,15149 3992
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Parabacteroides</i>	0,000228437	0,0007073 13	0,48745 329
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodobacterales</i>	<i>Rhodobacteraceae</i>	<i>Paracoccus</i>	0,000133918	3,83897E- 05	0,01041 4995
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Coriobacteriales</i>	<i>Coriobacteriaceae</i>	<i>Paraeggerthella</i>	0,000010592	7,09705E- 06	0,76508 7193
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Lactobacillaceae</i>	<i>Paralactobacillus</i>	2,11959E-06	3,87194E- 05	0,00280 7439
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Moraxellaceae</i>	<i>Paraperlucidibaca</i>	0	2,99919E- 07	0,34957 4806

<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Prevotellaceae</i>	<i>Paraprevotella</i>	9,81604E-05	0,0107139 98	0,02789 0529
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Alcaligenaceae</i>	<i>Parapusillimonas</i>	0,000000398	0	0,28504 9407
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Sphingobacteriia</i>	<i>Sphingobacteriales</i>	<i>Chitinophagaceae</i>	<i>Parasegetibacter</i>	0	2,91662E- 07	0,34957 4806
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Parasporobacterium</i>	7,06532E-07	4,57716E- 05	0,01708 1066
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Sutterellaceae</i>	<i>Parasutterella</i>	3,17413E-05	8,94758E- 05	0,37002 7712
<i>Bacteria</i>	<i>Parcubacteria</i>	<i>Parcubacteria_genera_ince rtae_sedis</i>	<i>Parcubacteria_genera _incertae_sedis</i>	<i>Parcubacteria_genera_in certae_sedis</i>	<i>Parcubacteria_genera _incertae_sedis</i>	0	7,39733E- 07	0,34957 4806
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XI</i>	<i>Parvimonas</i>	8,1594E-06	7,30815E- 06	0,79400 268
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pasteurellales</i>	<i>Pasteurellaceae</i>	<i>Pasteurella</i>	0,000176255	0,0001208 68	0,60220 0006
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Lactobacillaceae</i>	<i>Pediococcus</i>	0,000496375	6,58156E- 06	0,05582 9295
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Sphingobacteriia</i>	<i>Sphingobacteriales</i>	<i>Sphingobacteriaceae</i>	<i>Pedobacter</i>	2,58607E-06	4,62949E- 07	0,84491 1363
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Hyphomicrobiaceae</i>	<i>Pedomicrobium</i>	7,32089E-06	0	0,28504 9407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Hyphomicrobiaceae</i>	<i>Pelagibacterium</i>	0	3,29911E- 06	0,34957 4806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Pelomonas</i>	0,000933318	9,65865E- 06	0,00096 7429
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Syntrophomonadaceae</i>	<i>Pelospora</i>	0	0,0000025 02	0,17090 352
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Peptococcaceae 1</i>	<i>Peptococcus</i>	2,92096E-05	0,0001423 96	0,06170 669
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XI</i>	<i>Peptoniphilus</i>	5,37567E-05	0,0001299 6	0,85771 4481
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Peptostreptococcaceae</i>	<i>Peptostreptococcacea e_incertae_sedis</i>	2,95543E-05	1,79951E- 06	0,18132 0849
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Peptostreptococcaceae</i>	<i>Peptostreptococcus</i>	0,00012851	2,84327E- 05	0,12023 2801

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Bdellovibrionales</i>	<i>Bacteriovoraceae</i>	<i>Peredibacter</i>	4,97513E-06	1,4996E-06	0,84491 1363
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Moraxellaceae</i>	<i>Perlucidibaca</i>	0	6,89814E-06	0,34957 4806
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Petrimonas</i>	0,000649814	6,53192E-05	0,94507 1382
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Acidaminococcaceae</i>	<i>Phascolarctobacterium</i>	0,000432971	0,030125145	0,00381 3532
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Myxococcales</i>	<i>Phaselicystidaceae</i>	<i>Phaselicystis</i>	1,83022E-06	0	0,28504 9407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Phyllobacteriaceae</i>	<i>Phyllobacterium</i>	0	0,000059531	0,00611 1784
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Enterococcaceae</i>	<i>Pilibacter</i>	0	2,99919E-07	0,34957 4806
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Planobacterium</i>	0,003220167	0,000760112	0,03389 4854
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Planococcaceae</i>	<i>Planococcaceae_incertae_sedis</i>	7,94526E-05	2,28458E-05	0,19895 8931
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Planococcaceae</i>	<i>Planomicrobium</i>	9,17128E-06	0	0,11760 1295
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Burkholderiaceae</i>	<i>Polynucleobacter</i>	0	2,42065E-06	0,17090 352
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Cytophagia</i>	<i>Cytophagales</i>	<i>Cytophagaceae</i>	<i>Pontibacter</i>	0	2,3333E-06	0,34957 4806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Sphingomonadales</i>	<i>Erythrobacteraceae</i>	<i>Porphyrobacter</i>	3,44809E-06	0	0,28504 9407
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Porphyromonas</i>	0,000737638	9,34212E-05	0,00771 9174
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Prevotellaceae</i>	<i>Prevotella</i>	0,003662488	0,141538222	0,08257 9274
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidetes"_incertae_sedis</i>	<i>Prolixibacter</i>	<i>Prolixibacter</i>	<i>Prolixibacter</i>	0	4,42176E-07	0,34957 4806
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Propionibacteriaceae</i>	<i>Propionibacterium</i>	0,003445225	4,01923E-05	0,00114 5938
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Propionibacteriaceae</i>	<i>Propionicicella</i>	0,000000796	0,000023078	0,50811 0562

<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Propionibacteriaceae</i>	<i>Propionimonas</i>	0	4,39357E-06	0,17090352
<i>Bacteria</i>	<i>Fusobacteria</i>	<i>Fusobacteriia</i>	<i>Fusobacteriales</i>	<i>Fusobacteriaceae</i>	<i>Propionigenium</i>	5,72662E-05	9,29749E-06	0,234763663
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Propionibacteriaceae</i>	<i>Propionimicrobium</i>	0	9,89237E-07	0,349574806
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiaceae 1</i>	<i>Proteiniclasticum</i>	2,18624E-05	1,97947E-05	0,562548843
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Proteiniphilum</i>	8,2193E-06	5,99838E-06	0,562548843
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Peptostreptococcaceae</i>	<i>Proteocatella</i>	2,01371E-05	0,00002846	0,881930721
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Proteus</i>	4,82203E-05	0	0,117601295
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Providencia</i>	0,000115224	0	0,285049407
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Pseudobutyrvibrio</i>	0	4,55022E-05	0,015891197
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Brucellaceae</i>	<i>Pseudochrobactrum</i>	4,17911E-06	1,28916E-06	0,740726595
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Microbacteriaceae</i>	<i>Pseudoclavibacter</i>	0,000001061	1,4211E-06	0,562548843
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Pseudoflavonifractor</i>	0,000168818	0,001182566	0,164537456
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Pseudomonadaceae</i>	<i>Pseudomonas</i>	0,003370249	1,76785E-05	0,001181672
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Pseudonocardiaceae</i>	<i>Pseudonocardia</i>	8,45928E-06	0	0,285049407
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Eubacteriaceae</i>	<i>Pseudoramibacter</i>	0	2,57831E-06	0,17090352
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Sphingobacteriia</i>	<i>Sphingobacteriales</i>	<i>Sphingobacteriaceae</i>	<i>Pseudosphingobacterium</i>	0	0,000005459	0,17090352
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodobacterales</i>	<i>Rhodobacteraceae</i>	<i>Pseudovibrio</i>	1,18964E-05	0	0,285049407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Xanthomonadales</i>	<i>Xanthomonadaceae</i>	<i>Pseudoxanthomonas</i>	0,000169018	0	0,047105791

<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Planococcaceae</i>	<i>Psychrobacillus</i>	3,06667E-06	5,26166E-06	0,619656703
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Moraxellaceae</i>	<i>Psychrobacter</i>	0,002760908	0,055317475	0,562833754
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Psychrosinus</i>	0	4,73698E-07	0,349574806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Alcaligenaceae</i>	<i>Pusillimonas</i>	1,06968E-05	0	0,117601295
<i>Bacteria</i>	<i>Synergistetes</i>	<i>Synergistia</i>	<i>Synergistales</i>	<i>Synergistaceae</i>	<i>Pyramidobacter</i>	7,3796E-06	6,91294E-05	0,090155978
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Burkholderiaceae</i>	<i>Ralstonia</i>	0	9,57264E-06	0,17090352
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micrococcaceae</i>	<i>Renibacterium</i>	0,000230735	0	0,000440292
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Chromatiales</i>	<i>Chromatiaceae</i>	<i>Rheinheimera</i>	0,000166427	7,19806E-06	0,084991283
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Pseudomonadaceae</i>	<i>Rhizobacter</i>	1,41306E-06	0	0,285049407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Rhizobiaceae</i>	<i>Rhizobium</i>	0,000299533	2,23507E-05	0,010825507
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodobacterales</i>	<i>Rhodobacteraceae</i>	<i>Rhodobacter</i>	1,01337E-05	1,16968E-05	0,147940923
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Nocardiaceae</i>	<i>Rhodococcus</i>	0,000397734	0	0,000440292
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Riemerella</i>	2,20421E-05	3,16277E-05	0,72367361
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Robinsoniella</i>	1,58104E-05	1,43536E-05	0,083081187
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Roseburia</i>	0,000198163	0,02474264	0,005478553
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodobacterales</i>	<i>Rhodobacteraceae</i>	<i>Roseovarius</i>	7,06532E-07	0	0,285049407
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micrococcaceae</i>	<i>Rothia</i>	0,005578648	0,014062349	0,816961322
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodobacterales</i>	<i>Rhodobacteraceae</i>	<i>Rubellimicrobium</i>	1,02082E-06	0,000002625	1

<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Rubrobacterales</i>	<i>Rubrobacteraceae</i>	<i>Rubrobacter</i>	1,03443E-05	0	0,28504 9407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Aeromonadales</i>	<i>Succinivibrionaceae</i>	<i>Ruminobacter</i>	3,18408E-06	6,11115E-05	0,23476 3663
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Ruminococcus</i>	0,000655817	0,0044396 34	0,10519 2505
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Ruminococcus2</i>	0,000146657	0,0007389 94	0,02063 7558
<i>Bacteria</i>	<i>Candidatus Saccharibacteria</i>	<i>Saccharibacteria_genera_incertae_sedis</i>	<i>Saccharibacteria_genera_incertae_sedis</i>	<i>Saccharibacteria_genera_incertae_sedis</i>	<i>Saccharibacteria_genera_incertae_sedis</i>	0,000213031	0,0006291 93	0,56283 3754
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Saccharofermentans</i>	0,000000597	6,30203E-05	0,00341 4791
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Pseudonocardiaceae</i>	<i>Saccharomonospora</i>	0	8,99757E-07	0,34957 4806
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Staphylococcaceae</i>	<i>Salinicoccus</i>	1,48372E-05	3,65635E-06	0,74072 6595
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Salinimicrobium</i>	3,44809E-05	0	0,28504 9407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Salmonella</i>	0,000012156	2,61091E-05	0,03809 9036
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiaceae 1</i>	<i>Sarcina</i>	5,09529E-06	0,0001261 1	0,06312 8008
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Schlegelella</i>	0,000014486	0	0,04710 5791
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Schwartzia</i>	2,11959E-06	0,0035946 95	0,00280 7439
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae_Sedis XI</i>	<i>Sedimentibacter</i>	3,98011E-06	0	0,28504 9407
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Selenomonas</i>	6,91351E-05	0,0109973 37	0,02789 0529
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Beutenbergiaceae</i>	<i>Serinibacter</i>	0	0,0001298 65	0,34957 4806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Pseudomonadaceae</i>	<i>Serpens</i>	3,61881E-05	2,99919E-07	0,04571 4365
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Serratia</i>	0	1,45831E-06	0,34957 4806

<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Sharpea</i>	6,03417E-06	0	0,28504 9407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Alteromonadales</i>	<i>Shewanellaceae</i>	<i>Shewanella</i>	1,68598E-05	6,89814E-06	0,14794 0923
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Rhodocyclales</i>	<i>Rhodocyclaceae</i>	<i>Shinella</i>	1,18381E-05	2,99919E-07	0,13748 5208
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Shuttleworthia</i>	0	5,07992E-06	0,08235 5525
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Simplicispira</i>	3,18408E-06	5,99838E-06	1
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodospirillales</i>	<i>Rhodospirillaceae</i>	<i>Skermanella</i>	0,00003462	0	0,28504 9407
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Coriobacteriales</i>	<i>Coriobacteriaceae</i>	<i>Slackia</i>	4,94572E-06	1,05067E-06	0,74072 6595
<i>Bacteria</i>	<i>Fusobacteria</i>	<i>Fusobacteriia</i>	<i>Fusobacteriales</i>	<i>Leptotrichiaceae</i>	<i>Sneathia</i>	0	1,80089E-06	0,17090 352
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Solirubrobacterales</i>	<i>Solirubrobacteraceae</i>	<i>Solirubrobacter</i>	7,75821E-06	0	0,28504 9407
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Soonwooa</i>	0,000204741	3,39191E-05	0,80177 6827
<i>Bacteria</i>	<i>Chloroflexi</i>	<i>Thermomicrobia</i>	<i>Sphaerobacterales</i>	<i>Sphaerobacteraceae</i>	<i>Sphaerobacter</i>	4,11211E-06	1,79951E-06	0,45657 0763
<i>Bacteria</i>	<i>Spirochaetes</i>	<i>Spirochaetia</i>	<i>Spirochaetales</i>	<i>Spirochaetaceae</i>	<i>Sphaerochaeta</i>	0,000086758	0,0014987 19	0,04893 855
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Sphingobacteriia</i>	<i>Sphingobacteriales</i>	<i>Sphingobacteriaceae</i>	<i>Sphingobacterium</i>	0,000394893	3,94684E-05	0,19169 4602
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Sphingomonadales</i>	<i>Sphingomonadaceae</i>	<i>Sphingobium</i>	3,11701E-05	4,19887E-06	0,18132 0849
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Sphingomonadales</i>	<i>Sphingomonadaceae</i>	<i>Sphingomonas</i>	0,000168477	0,0002591 55	0,41788 6964
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Sphingomonadales</i>	<i>Sphingomonadaceae</i>	<i>Sphingopyxis</i>	4,97513E-06	0	0,28504 9407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Sphingomonadales</i>	<i>Sphingomonadaceae</i>	<i>Sphingosinicella</i>	6,57144E-06	0	0,28504 9407
<i>Bacteria</i>	<i>Spirochaetes</i>	<i>Spirochaetia</i>	<i>Spirochaetales</i>	<i>Spirochaetaceae</i>	<i>Spirochaeta</i>	0	4,42176E-07	0,34957 4806

Bacteria	Firmicutes	Clostridia	Clostridiales	Peptostreptococcaceae	Sporacetigenium	0,000206771	0,000127091	0,105192505
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Sporobacter	0,000108698	0,001201708	0,010896354
Bacteria	Firmicutes	Bacilli	Bacillales	Sporolactobacillaceae	Sporolactobacillaceae_incertae_sedis	0	4,62949E-07	0,349574806
Bacteria	Firmicutes	Bacilli	Bacillales	Planococcaceae	Sporosarcina	7,3632E-06	0	0,285049407
Bacteria	SR1	SR1_genera_incertae_sedis	SR1_genera_incertae_sedis	SR1_genera_incertae_sedis	SR1_genera_incertae_sedis	8,8471E-06	2,39996E-05	0,372857936
Bacteria	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Stakelama	7,06532E-07	0	0,285049407
Bacteria	Firmicutes	Bacilli	Bacillales	Staphylococcaceae	Staphylococcus	0,014930157	0,000286782	0,001713496
Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Stenotrophomonas	0,00044035	1,64699E-05	0,000967429
Bacteria	Fusobacteria	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Streptobacillus	8,87339E-05	2,39935E-06	0,362848315
Bacteria	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	0,015834647	0,010277126	0,417886964
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Streptomycetaceae	Streptomyces	1,73871E-05	0	0,285049407
Bacteria	Cyanobacteria/Chloroplast	Chloroplast	Chloroplast	Chloroplast	Streptophyta	0,001530934	0,000120038	0,002621822
Bacteria	Verrucomicrobia	Subdivision5	Subdivision5_genera_incertae_sedis	Subdivision5_genera_incertae_sedis	Subdivision5_genera_incertae_sedis	0,000188272	0,00027059	0,48745329
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Subdoligranulum	0,000000862	1,87995E-05	0,050186187
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Acidaminococcaceae	Succiniclasticum	0	4,42176E-07	0,349574806
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Acidaminococcaceae	Succinispira	0	4,42176E-07	0,349574806
Bacteria	Proteobacteria	Gammaproteobacteria	Aeromonadales	Succinivibrionaceae	Succinivibrio	0,000123977	0,010582261	0,037242545
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Sutterellaceae	Sutterella	9,13008E-06	0,000271033	0,031443735

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Cardiobacteriales</i>	<i>Cardiobacteriaceae</i>	<i>Suttonella</i>	0	3,70778E-06	0,037588881
<i>Bacteria</i>	<i>Synergistetes</i>	<i>Synergistia</i>	<i>Synergistales</i>	<i>Synergistaceae</i>	<i>Synergistes</i>	2,16189E-05	2,45508E-05	0,881930721
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Syntrophococcus</i>	6,80546E-06	6,51954E-06	0,457717434
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Tannerella</i>	6,61888E-05	0,000151869	0,816315804
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Burkholderiales_incertae_sedis</i>	<i>Tepidimonas</i>	4,01889E-05	0	0,047105791
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Propionibacteriaceae</i>	<i>Tessaracoccus</i>	1,10684E-05	0,000240535	0,298500252
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Enterococcaceae</i>	<i>Tetragenococcus</i>	0	3,0307E-06	0,082355525
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Oceanospirillales</i>	<i>Oceanospirillaceae</i>	<i>Thalassolituus</i>	3,98011E-06	0	0,285049407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Rhodocyclales</i>	<i>Rhodocyclaceae</i>	<i>Thauera</i>	2,38806E-06	5,99838E-07	0,844911363
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Bacillales_Incertae_Sedis_X</i>	<i>Thermicanus</i>	8,62024E-06	0	0,285049407
<i>Archaea</i>	<i>Euryarchaeota</i>	<i>Thermoplasmata</i>	<i>Thermoplasmatales</i>	<i>Thermoplasmatales_incertae_sedis</i>	<i>Thermogymnomonas</i>	9,75978E-06	1,63439E-05	0,679325522
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Thermoleophilia</i>	<i>Thermoleophilales</i>	<i>Thermoleophilaceae</i>	<i>Thermoleophilum</i>	1,28116E-05	0	0,285049407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Xanthomonadales</i>	<i>Xanthomonadaceae</i>	<i>Thermomonas</i>	1,07118E-05	0	0,047105791
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Thiotrichales</i>	<i>Thiotrichaceae</i>	<i>Thiothrix</i>	0	7,7979E-06	0,349574806
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae_Sedis_XI</i>	<i>Tissierella</i>	3,08859E-05	2,39935E-06	0,137485208
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Aeromonadales</i>	<i>Aeromonadaceae</i>	<i>Tolumonas</i>	0,000000199	4,73698E-07	1
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Corynebacterineae_incertae_sedis</i>	<i>Tomitella</i>	2,72976E-06	0	0,047105791
<i>Bacteria</i>	<i>Spirochaetes</i>	<i>Spirochaetia</i>	<i>Spirochaetales</i>	<i>Spirochaetaceae</i>	<i>Treponema</i>	0,000471774	0,026672722	0,105192505

<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Trichococcus</i>	0,000195363	0,000035615	0,188593442
<i>Bacteria</i>	<i>Deinococcus-Thermus</i>	<i>Deinococci</i>	<i>Deinococcales</i>	<i>Trueperaceae</i>	<i>Truepera</i>	8,62024E-06	0	0,285049407
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Actinomycetaceae</i>	<i>Trueperella</i>	0	5,92295E-05	0,037588881
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Corynebacteriaceae</i>	<i>Turicella</i>	1,33769E-06	0,000009808	0,191694602
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Turicibacter</i>	5,83048E-05	0,000405155	0,027750993
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Oxalobacteraceae</i>	<i>Undibacterium</i>	0,000635577	5,84609E-06	0,000967429
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Planococcaceae</i>	<i>Ureibacillus</i>	0	8,84352E-07	0,349574806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Neisseriales</i>	<i>Neisseriaceae</i>	<i>Uruburuella</i>	1,0986E-06	2,84706E-05	0,315285648
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Enterococcaceae</i>	<i>Vagococcus</i>	0,000100959	5,82023E-05	0,902908911
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Bdellovibrionales</i>	<i>Bdellovibrionaceae</i>	<i>Vampirovibrio</i>	0,000189007	0,000498828	0,027890529
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Variovorax</i>	2,18906E-06	1,47947E-06	0,844911363
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Veillonella</i>	0,000106465	0,000252748	0,131079232
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Vibrionales</i>	<i>Vibrionaceae</i>	<i>Vibrio</i>	0,000148541	6,3144E-06	0,945071382
<i>Bacteria</i>	<i>Lentisphaerae</i>	<i>Lentisphaeria</i>	<i>Victivallales</i>	<i>Victivallaceae</i>	<i>Victivallis</i>	0,00000911	3,94448E-05	0,089648055
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Neisseriales</i>	<i>Neisseriaceae</i>	<i>Vitreoscilla</i>	3,83586E-05	5,08825E-06	0,79400268
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Wautersiella</i>	0,001665323	4,82547E-05	0,11277615
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Weeksella</i>	4,81318E-05	0	0,047105791
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Leuconostocaceae</i>	<i>Weissella</i>	0,001485887	0,000340158	0,164537456

<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Nocardiaceae</i>	<i>Williamsia</i>	0,000000862	0	0,28504 9407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Xanthomonadales</i>	<i>Xanthomonadaceae</i>	<i>Wohlfahrtiimonas</i>	0,000629628	7,1974E-06	0,60150 8134
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Epsilonproteobacteria</i>	<i>Campylobacterales</i>	<i>Helicobacteraceae</i>	<i>Wolinella</i>	0	2,21088E-06	0,34957 4806
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Xanthomonadales</i>	<i>Xanthomonadaceae</i>	<i>Xanthomonas</i>	1,92173E-05	0	0,28504 9407
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Prevotellaceae</i>	<i>Xylanibacter</i>	0	2,31948E-05	0,01589 1197
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Xanthomonadales</i>	<i>Xanthomonadaceae</i>	<i>Xylella</i>	1,50043E-06	0	0,11760 1295
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micrococcaceae</i>	<i>Yaniella</i>	5,61024E-06	5,69846E-06	0,56254 8843
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Yokenella</i>	0	2,6946E-06	0,17090 352
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Aeromonadales</i>	<i>Aeromonadaceae</i>	<i>Zobellella</i>	1,57214E-05	0	0,28504 9407
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Rhodocyclales</i>	<i>Rhodocyclaceae</i>	<i>Zoogloea</i>	0	0,0000035 99	0,34957 4806

Additional file 1B. Frequencies of OTUs assigned at genus level from farm MC at the two sampling times (MC1 and MC2).

Domain	Phylum	Class	Order	Family	Genus	Frequency		FDR_P
						MC1	MC2	
Bacteria	Firmicutes	Bacilli	Lactobacillales	Aerococcaceae	Abiotrophia	3,85279E-06	0	0,240955
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Acetanaerobacterium	0,000249138	0,001487629	0,003837
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Acetitamaculum	3,86726E-05	2,52909E-06	0,562711
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Acetivibrio	8,99057E-05	9,32725E-05	0,559796
Bacteria	Firmicutes	Clostridia	Clostridiales	Peptostreptococcaceae	Acetoanaerobium	0	0,000042065	0,393769
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	Acetobacteraceae	Acetobacter	0	4,22886E-07	0,393769
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Alcaligenaceae	Achromobacter	0	1,16274E-05	0,215311
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales_Incertae_Sedis_XII	Acidaminobacter	0	0,00000021	0,393769
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Acidaminococcaceae	Acidaminococcus	0,000048249	0,00179064	0,002533
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Acidovorax	5,40671E-06	9,82409E-06	0,745201
Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	Acinetobacter	0,002451465	0,003426505	0,08278
Bacteria	Proteobacteria	Gammaproteobacteria	Pasteurellales	Pasteurellaceae	Actinobacillus	0,010895738	0,023693333	0,1372
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Actinomycetaceae	Actinobaculum	2,16269E-06	0	0,240955
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Actinomycetaceae	Actinomyces	1,82398E-05	1,21859E-05	0,256447
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Pseudonocardiaceae	Actinomycetospora	9,84399E-07	0	0,240955
Bacteria	Actinobacteria	Actinobacteria	Coriobacteriales	Coriobacteriaceae	Adlercreutzia	0	0,00000021	0,393769
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Alcaligenaceae	Advenella	8,62305E-05	1,29879E-05	0,920279

<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Aerococcaceae</i>	<i>Aerococcus</i>	0,00083018 1	0,00128 4797	0,317468
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Nocardioideaceae</i>	<i>Aeromicrobium</i>	0	0,00000 3486	0,393769
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Aeromonadales</i>	<i>Aeromonadaceae</i>	<i>Aeromonas</i>	0,00023934	3,85947 E-05	0,020263
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Bradyrhizobiaceae</i>	<i>Afipia</i>	4,40319E-06	0,01089 3441	0,000517
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Microbacteriaceae</i>	<i>Agrococcus</i>	3,95305E-06	1,25915 E-05	0,831292
<i>Bacteria</i>	<i>Verrucomicrobia</i>	<i>Verrucomicrobiae</i>	<i>Verrucomicrobiales</i>	<i>Verrucomicrobiaceae</i>	<i>Akkermansia</i>	0,00052948 7	0,00053 9944	0,057543
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Alcaligenaceae</i>	<i>Alcaligenes</i>	1,88601E-05	5,39894 E-06	0,562711
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Rikenellaceae</i>	<i>Alistipes</i>	0,01242031	0,00005 8865	0,000247
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Eubacteriaceae</i>	<i>Alkalibacter</i>	6,60944E-05	0	0,240955
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Marinilabiliaceae</i>	<i>Alkalitalea</i>	0	1,86309 E-06	0,215311
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Moraxellaceae</i>	<i>Alkanindiges</i>	0,00009840 4	2,19089 E-07	0,009265
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Allisonella</i>	3,13748E-05	0,00035 201	0,027385
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Allobaculum</i>	0,00005647 6	3,68379 E-07	0,009265
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Alloiococcus</i>	6,65059E-06	6,34329 E-07	0,756733
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Prevotellaceae</i>	<i>Alloprevotella</i>	0,00444088 1	0,01635 263	0,020776
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Sphingomonadales</i>	<i>Erythrobacteraceae</i>	<i>Altererythrobacter</i>	1,94395E-05	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Neisseriales</i>	<i>Neisseriaceae</i>	<i>Alysiella</i>	1,46111E-05	3,68014 E-05	0,76399
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiaceae 1</i>	<i>Anaerobacter</i>	4,93842E-06	3,23939 E-05	0,010059
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Aeromonadales</i>	<i>Succinivibrionaceae</i>	<i>Anaerobiospirillum</i>	0,00011570 5	1,97484 E-05	0,920279

<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XI</i>	<i>Anaerococcus</i>	0,000733188	1,45974E-05	0,001292
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Anaerofilum</i>	1,55813E-05	1,81807E-05	0,35801
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Eubacteriaceae</i>	<i>Anaerofustis</i>	0	2,20888E-05	0,063994
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Anaeroglobus</i>	0	8,28228E-06	0,063994
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Marinilabiaceae</i>	<i>Anaerophaga</i>	0,000416787	0,00383883	0,038989
<i>Bacteria</i>	<i>Tenericutes</i>	<i>Mollicutes</i>	<i>Anaeroplasmatales</i>	<i>Anaeroplasmataceae</i>	<i>Anaeroplasma</i>	0,001608723	0,000501912	0,006432
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Bacteroidaceae</i>	<i>Anaerorhabdus</i>	0	0,000019079	0,063994
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Anaerosinus</i>	0	5,22264E-05	0,393769
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Incertae Sedis XI</i>	<i>Anaerosphaera</i>	0	1,59314E-06	0,393769
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiaceae 1</i>	<i>Anaerosporobacter</i>	0,000269978	2,90102E-05	0,080216
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Anaerostipes</i>	7,86722E-05	6,79029E-05	0,1625
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Anaerotruncus</i>	6,22565E-05	3,36816E-05	0,617189
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Anaerovibrio</i>	0,00047358	0,010889484	0,010475
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XIII</i>	<i>Anaerovorax</i>	8,78456E-05	0,000524325	0,002209
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Bacillaceae 1</i>	<i>Anoxybacillus</i>	0,000013964	2,91599E-05	0,831292
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Burkholderiales_incertae_sedis</i>	<i>Aquabacterium</i>	0,000004388	0,000022529	0,417741
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Actinomycetaceae</i>	<i>Arcanobacterium</i>	9,85273E-06	4,87782E-06	0,728372
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Epsilonproteobacteria</i>	<i>Campylobacterales</i>	<i>Campylobacteraceae</i>	<i>Arcobacter</i>	7,81105E-05	0,000147272	0,41505

Bacteria	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Sphingobacteriaceae	Arcticibacter	0	8,76225 E-06	0,393769
Bacteria	Armatimonadetes	Armatimonadetes_gp5	Armatimonadetes_gp5	Armatimonadetes_gp5	Armatimonadetes_gp5	0	3,97513 E-05	0,393769
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Micrococcaceae	Arthrobacter	0,00040690 1	0,00157 1564	0,185676
Bacteria	Tenericutes	Mollicutes	Anaeroplasmatales	Anaeroplasmataceae	Asteroleplasma	8,72316E-05	0,00054 7879	0,013355
Bacteria	Proteobacteria	Alphaproteobacteria	Caulobacterales	Caulobacteraceae	Asticcacaulis	0	1,68658 E-06	0,11879
Bacteria	Firmicutes	Bacilli	Lactobacillales	Carnobacteriaceae	Atopobacter	6,18883E-06	0,00000 8138	0,73845
Bacteria	Actinobacteria	Actinobacteria	Coriobacteriales	Coriobacteriaceae	Atopobium	4,43372E-06	5,80171 E-07	0,756733
Bacteria	Firmicutes	Bacilli	Lactobacillales	Carnobacteriaceae	Atopostipes	1,67642E-05	1,79473 E-05	0,816905
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Aurantimonadaceae	Aurantimonas	3,05164E-05	0	0,240955
Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Pseudomonadaceae	Azorhizophilus	1,9688E-06	0	0,240955
Bacteria	Proteobacteria	Betaproteobacteria	Rhodocyclales	Rhodocyclaceae	Azospira	0	1,89794 E-05	0,393769
Bacteria	Cyanobacteria/Chloroplast	Chloroplast	Chloroplast	Chloroplast	Bacillariophyta	8,55676E-05	0	0,240955
Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae 1	Bacillus	8,69667E-05	0,00033 6086	0,619679
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Bacteroidaceae	Bacteroides	0,01694078 3	0,00365 948	0,00028
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Barnesiella	0,01159725 1	0,02524 7799	0,1604
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	Acetobacteraceae	Belnapia	9,35678E-06	0	0,240955
Bacteria	Proteobacteria	Betaproteobacteria	Neisseriales	Neisseriaceae	Bergeriella	2,9548E-06	1,30433 E-06	0,311555
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Bergeyella	0,08204834 9	9,96825 E-05	0,00028
Bacteria	Firmicutes	Bacilli	Bacillales	Planococcaceae	Bhargavaea	1,21088E-05	0	0,240955
Bacteria	Proteobacteria	Gammaproteobacteria	Pasteurellales	Pasteurellaceae	Bibersteinia	1,75521E-05	0,00000 2198	0,845405

<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Bifidobacteriales</i>	<i>Bifidobacteriaceae</i>	<i>Bifidobacterium</i>	4,24439E-05	1,06659 E-05	0,08074
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Desulfovibrionales</i>	<i>Desulfovibrionaceae</i>	<i>Bilophila</i>	9,76043E-06	0,00012 0605	0,003989
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Sphingomonadales</i>	<i>Sphingomonadaceae</i>	<i>Blastomonas</i>	0	2,11443 E-07	0,393769
<i>Bacteria</i>	<i>Planctomycetes</i>	<i>Planctomycetia</i>	<i>Planctomycetales</i>	<i>Planctomycetaceae</i>	<i>Blastopirellula</i>	0	1,00017 E-06	0,215311
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Blautia</i>	0,00081709 3	0,00341 5115	0,010475
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Alcaligenaceae</i>	<i>Bordetella</i>	0,00110476 5	7,7467E -07	8,54E-05
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Bradyrhizobiaceae</i>	<i>Bosea</i>	0	0,01152 507	0,00048
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Dermabacteraceae</i>	<i>Brachybacterium</i>	7,04411E-05	0,00024 7076	0,731467
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Brachymonas</i>	6,43141E-05	0,00000 1526	0,071628
<i>Bacteria</i>	<i>Spirochaetes</i>	<i>Spirochaetia</i>	<i>Spirochaetales</i>	<i>Brachyspiraceae</i>	<i>Brachyspira</i>	0	2,75573 E-05	0,215311
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Bradyrhizobiaceae</i>	<i>Bradyrhizobium</i>	0	0,00047 1333	0,016307
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Brevibacteriaceae</i>	<i>Brevibacterium</i>	0,00010057 2	0,00013 6009	0,044667
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Caulobacterales</i>	<i>Caulobacteraceae</i>	<i>Brevundimonas</i>	0,00063608 4	9,65301 E-05	0,001072
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Listeriaceae</i>	<i>Brochothrix</i>	3,87837E-05	0	0,088427
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Propionibacteriaceae</i>	<i>Brooklawnia</i>	3,65668E-05	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Brucellaceae</i>	<i>Brucella</i>	3,57634E-06	0	0,088427
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Bulleidia</i>	0,00009228 8	0,00131 4834	0,001671
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Buttiauxella</i>	0,00001958 7	0	0,088427
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Butyricoccus</i>	0,00097988 3	0,00150 5645	1
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Butyricimonas</i>	2,63269E-05	6,39855 E-05	0,081566

Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Butyrivibrio	5,9064E-06	0,00018 0965	0,062837
Bacteria	Chloroflexi	Caldilineae	Caldilineales	Caldilineaceae	Caldilinea	0	2,1037E -06	0,393769
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Beijerinckiaceae	Camelimonas	0	0,00000 8134	0,393769
Bacteria	Proteobacteria	Epsilonproteobacteria	Campylobacterales	Campylobacteraceae	Campylobacter	0,00030400 1	0,02882 6866	0,000937
Bacteria	Proteobacteria	Gammaproteobacteria	Candidatus Carsonella	Candidatus Carsonella	Candidatus Carsonella	0,00005552 3	0	0,00024
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Capnocytophaga	0,00024474 8	1,84189 E-07	0,000478
Bacteria	Firmicutes	Bacilli	Lactobacillales	Carnobacteriaceae	Carnobacterium	3,90115E-05	2,11443 E-07	0,033134
Bacteria	Firmicutes	Bacilli	Bacillales	Planococcaceae	Caryophanon	2,09827E-05	3,62958 E-05	0,581292
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Alcaligenaceae	Castellaniella	0,00000324 4	0	0,240955
Bacteria	Firmicutes	Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	Catenibacterium	8,29944E-05	0,00085 5222	0,00294
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Catonella	1,6512E-06	1,74363 E-05	0,017977
Bacteria	Proteobacteria	Alphaproteobacteria	Caulobacterales	Caulobacteraceae	Caulobacter	0	6,57266 E-07	0,393769
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Cellulomonadaceae	Cellulomonas	6,09001E-05	7,36758 E-07	0,105083
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Cellulosibacter	2,65999E-05	6,53008 E-05	0,232121
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Cellulosilyticum	0,00039053 3	8,54221 E-05	0,009809
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Promicromonosporaceae	Cellulosimicrobium	0,00000877 6	0	0,240955
Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Pseudomonadaceae	Cellvibrio	0	1,03554 E-05	0,393769
Bacteria	Fusobacteria	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Cetobacterium	1,08134E-06	2,88246 E-06	0,649136
Bacteria	Chlamydiae	Chlamydiia	Chlamydiales	Chlamydiaceae	Chlamydia	3,32529E-05	0	0,240955

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Myxococcales</i>	<i>Polyangiaceae</i>	<i>Chondromyces</i>	1,27972E-05	0	0,240955
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Chryseobacterium</i>	0,00072186 1	0,00011 2955	0,018308
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micrococcaceae</i>	<i>Citricoccus</i>	0	2,11443 E-07	0,393769
<i>Bacteria</i>	<i>Synergistetes</i>	<i>Synergistia</i>	<i>Synergistales</i>	<i>Synergistaceae</i>	<i>Cloacibacillus</i>	5,02044E-05	5,29517 E-05	0,08074
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Cloacibacterium</i>	0,00020399 6	1,02729 E-05	0,667698
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Clostridium III</i>	1,08134E-05	8,50554 E-05	0,006807
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Clostridium IV</i>	0,00508743 4	0,00461 2574	0,457391
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiaceae 1</i>	<i>Clostridium sensu stricto</i>	0,01201745 1	0,00735 7085	0,038989
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Peptostreptococcaceae</i>	<i>Clostridium XI</i>	0,01339832 1	0,00717 5893	0,016639
<i>Bacteria</i>	<i>Fusobacteria</i>	<i>Fusobacteriia</i>	<i>Fusobacteriales</i>	<i>Fusobacteriaceae</i>	<i>Clostridium XIX</i>	0	0,00000 2368	0,11879
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Clostridium XIVa</i>	0,02473216 3	0,01283 1223	0,016639
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Clostridium XIVb</i>	0,00121196 6	0,00072 9861	0,016639
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Clostridium XVIII</i>	9,75154E-06	5,46959 E-06	0,688915
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Coriobacteriales</i>	<i>Coriobacteriaceae</i>	<i>Collinsella</i>	2,33411E-05	0	0,00024
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Comamonas</i>	0,00013579 4	0,00010 1488	0,262864
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Neisseriales</i>	<i>Neisseriaceae</i>	<i>Conchiformibius</i>	3,49165E-05	0	0,088427
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Coprobacillus</i>	0,00000877 6	7,07215 E-06	0,562711
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Coprococcus</i>	0,00192138 5	0,00144 7824	0,508883
<i>Bacteria</i>	<i>Verrucomicrobia</i>	<i>Opitutae</i>	<i>Puniceococcales</i>	<i>Puniceococcaceae</i>	<i>Coraliomargarita</i>	0	2,90086 E-07	0,393769
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Corynebacteriaceae</i>	<i>Corynebacterium</i>	0,00114364 4	0,00279 3825	0,246846

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Cronobacter</i>	1,36967E-05	2,26779 E-05	0,193236
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Cruoricaptor</i>	0	2,54086 E-06	0,11879
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Burkholderiaceae</i>	<i>Cupriavidus</i>	0	2,71135 E-06	0,393769
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Curvibacter</i>	0	3,18627 E-06	0,393769
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Defluviitaleaceae</i>	<i>Defluviitalea</i>	0	1,79037 E-05	0,033134
<i>Bacteria</i>	<i>Deinococcus- Thermus</i>	<i>Deinococci</i>	<i>Deinococcales</i>	<i>Deinococcaceae</i>	<i>Deinococcus</i>	2,2016E-06	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Delftia</i>	0,00025072 2	0,00080 051	0,679708
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Dermabacteraceae</i>	<i>Dermabacter</i>	3,32529E-06	0	0,240955
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Dermacoccaceae</i>	<i>Dermacoccus</i>	6,93649E-05	0	0,088427
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Dermatophilaceae</i>	<i>Dermatophilus</i>	0	6,34329 E-07	0,393769
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Desemzia</i>	0	1,84189 E-07	0,393769
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Desulfovibrionales</i>	<i>Desulfomicrobiaceae</i>	<i>Desulfomicrobium</i>	3,68655E-05	5,84784 E-06	0,845405
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Desulfovibrionales</i>	<i>Desulfovibrionaceae</i>	<i>Desulfovibrio</i>	0,00028892	0,00230 3318	0,014812
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Incertae Sedis XI</i>	<i>Dethiosulfatibacter</i>	0	0,00000 021	0,393769
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Hyphomicrobiaceae</i>	<i>Devosia</i>	5,94013E-05	0,00003 2206	0,202876
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Dialister</i>	7,37311E-06	0,00112 2931	0,062837
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Diaphorobacter</i>	0,00013780 3	0	0,000958
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Dietziaceae</i>	<i>Dietzia</i>	0,00011080 8	0,00025 0128	0,351615
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Dolosigranulum</i>	4,32537E-06	0	0,240955
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Bacillaceae 1</i>	<i>Domibacillus</i>	1,44096E-05	0	0,240955

<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Dorea</i>	0,000714028	0,001168751	0,804353
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Dysgonomonas</i>	6,65405E-05	4,94735E-07	0,105083
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Coriobacteriales</i>	<i>Coriobacteriaceae</i>	<i>Eggerthella</i>	0	2,32587E-06	0,393769
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Elizabethkingia</i>	0,000196853	6,34329E-07	0,002267
<i>Bacteria</i>	<i>Elusimicrobia</i>	<i>Elusimicrobia</i>	<i>Elusimicrobiales</i>	<i>Elusimicrobiaceae</i>	<i>Elusimicrobium</i>	0	0,000208382	0,007557
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Empedobacter</i>	9,77933E-05	3,94684E-05	0,118152
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Moraxellaceae</i>	<i>Enhydrobacter</i>	0,000577111	9,74639E-06	0,000247
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Enterobacter</i>	4,61002E-05	9,71147E-06	0,018426
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Enterococcaceae</i>	<i>Enterococcus</i>	0,000619571	4,11948E-05	0,011377
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Coriobacteriales</i>	<i>Coriobacteriaceae</i>	<i>Enterorhabdus</i>	5,4724E-06	2,59843E-06	0,728372
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Erysipelothrix</i>	0	0,000116852	0,007557
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Erysipelotrichaceae_incertae_sedis</i>	0,000299978	0,002680763	0,002239
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Sphingomonadales</i>	<i>Erythrobacteraceae</i>	<i>Erythrobacter</i>	0,000019264	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Escherichia/Shigella</i>	0,005282428	0,022126692	0,057543
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Ethanoligenens</i>	4,00008E-05	0,000198388	0,309563
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Eubacteriaceae</i>	<i>Eubacterium</i>	0,001177985	0,009923741	0,031803
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Aerococcaceae</i>	<i>Facklamia</i>	0,000332198	0,000145346	0,122519
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Faecalibacterium</i>	0,000975977	0,016317624	0,000957

<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Fastidiosipila</i>	0	5,48393 E-05	0,11879
<i>Bacteria</i>	<i>Fibrobacteres</i>	<i>Fibrobacteria</i>	<i>Fibrobacterales</i>	<i>Fibrobacteraceae</i>	<i>Fibrobacter</i>	0,00020988 6	0,00132 7895	0,025524
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Peptostreptococcaceae</i>	<i>Filifactor</i>	1,02387E-05	1,08809 E-05	0,745201
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XI</i>	<i>Finegoldia</i>	0,00019692 8	0	0,010871
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Sphingobacteriia</i>	<i>Sphingobacteriales</i>	<i>Chitinophagaceae</i>	<i>Flavitalea</i>	0	2,11443 E-07	0,393769
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Flavobacterium</i>	0,00022904	5,65785 E-05	0,08074
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Flavonifactor</i>	0,00486277 4	0,00099	0,00028
<i>Bacteria</i>	<i>Fusobacteria</i>	<i>Fusobacteriia</i>	<i>Fusobacteriales</i>	<i>Fusobacteriaceae</i>	<i>Fusobacterium</i>	0,00161851 1	0,00111 4342	0,038989
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Gaiellales</i>	<i>Gaiellaceae</i>	<i>Gaiella</i>	1,6512E-06	0	0,240955
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Galbibacter</i>	0	0,00000 042	0,393769
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XI</i>	<i>Gallicola</i>	0	3,55411 E-06	0,215311
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Bifidobacteriales</i>	<i>Bifidobacteriaceae</i>	<i>Gardnerella</i>	0,00000129 6	4,65175 E-06	0,876911
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Gelidibacter</i>	2,56703E-05	0	0,240955
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Bacillales_Incertae Sedis XI</i>	<i>Gemella</i>	0,00016909 1	2,79493 E-05	0,08083
<i>Bacteria</i>	<i>Gemmatimonadetes</i>	<i>Gemmatimonadetes</i>	<i>Gemmatimonadales</i>	<i>Gemmatimonadaceae</i>	<i>Gemmatimonas</i>	0	0,00000 1162	0,393769
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Gemmiger</i>	0,00174954	0,00754 3141	0,006432
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Bacillaceae 1</i>	<i>Geobacillus</i>	1,42556E-05	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Desulfuromonadales</i>	<i>Geobacteraceae</i>	<i>Geopsychrobacter</i>	0	3,87335 E-07	0,393769
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Bogoriellaceae</i>	<i>Georgenia</i>	0	2,07214 E-05	0,393769
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Aerococcaceae</i>	<i>Globicatella</i>	9,99282E-05	0,00013 7036	0,348499

<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Coriobacteriales</i>	<i>Coriobacteriaceae</i>	<i>Gordonibacter</i>	5,78334E-05	4,08071E-05	0,16117
<i>Bacteria</i>	<i>Acidobacteria</i>	<i>Acidobacteria_Gp3</i>	<i>Gp3</i>	<i>Gp3</i>	<i>Gp3</i>	7,31336E-06	0	0,240955
<i>Bacteria</i>	<i>Acidobacteria</i>	<i>Acidobacteria_Gp4</i>	<i>Gp4</i>	<i>Gp4</i>	<i>Gp4</i>	0,000422134	0	0,240955
<i>Bacteria</i>	<i>Acidobacteria</i>	<i>Acidobacteria_Gp6</i>	<i>Gp6</i>	<i>Gp6</i>	<i>Gp6</i>	0,000011008	2,19901E-05	0,876911
<i>Bacteria</i>	<i>Cyanobacteria/Chloroplast</i>	<i>Cyanobacteria</i>	<i>Family I</i>	<i>Family I</i>	<i>Gp1</i>	0,000101649	0	0,003397
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Gracilibacteraceae</i>	<i>Gracilibacter</i>	3,35743E-05	0	0,240955
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Granulicatella</i>	2,73537E-05	0	0,088427
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Microbacteriaceae</i>	<i>Gulosibacter</i>	2,2016E-06	1,55553E-05	0,876911
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pasteurellales</i>	<i>Pasteurellaceae</i>	<i>Haemophilus</i>	0,001647782	0,002717378	0,025719
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Prevotellaceae</i>	<i>Hallella</i>	7,79493E-05	0,002501353	0,000524
<i>Bacteria</i>	<i>Verrucomicrobia</i>	<i>Verrucomicrobiae</i>	<i>Verrucomicrobiales</i>	<i>Verrucomicrobiaceae</i>	<i>Haloferula</i>	2,56703E-05	0	0,240955
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Dermabacteraceae</i>	<i>Helcobacillus</i>	0,000016432	0	0,088427
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XI</i>	<i>Helcococcus</i>	0,0003125	0,000007761	0,034509
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Epsilonproteobacteria</i>	<i>Campylobacterales</i>	<i>Helicobacteraceae</i>	<i>Helicobacter</i>	0,000143027	0,000151244	0,865516
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Hespellia</i>	3,68655E-05	2,02257E-06	0,845405
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Phyllobacteriaceae</i>	<i>Hoeflea</i>	7,31336E-06	0	0,240955
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Holdemania</i>	0,000268651	0,000789688	0,030314
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Howardella</i>	0	2,19179E-05	0,063994
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Epsilonproteobacteria</i>	<i>Campylobacterales</i>	<i>Hydrogenimonaceae</i>	<i>Hydrogenimonas</i>	0	6,03093E-07	0,393769
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Hydrogenoanaerobacterium</i>	0,000226213	2,96312E-05	0,009323
<i>Bacteria</i>	<i>Aquificae</i>	<i>Aquificae</i>	<i>Aquificales</i>	<i>Aquificaceae</i>	<i>Hydrogenobacter</i>	0	7,7467E-07	0,393769

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Hydrogenophaga</i>	2,85225E-06	1,84189 E-07	0,756733
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Sphingobacteriia</i>	<i>Sphingobacteriales</i>	<i>Chitinophagaceae</i>	<i>Hydrotalea</i>	0	4,94735 E-07	0,393769
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Cytophagia</i>	<i>Cytophagales</i>	<i>Cytophagaceae</i>	<i>Hymenobacter</i>	0,00000877 6	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Hyphomicrobiaceae</i>	<i>Hyphomicrobium</i>	4,40319E-06	0,00015 9602	0,263359
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Acidimicrobiales</i>	<i>Acidimicrobiaceae</i>	<i>Ilumatobacter</i>	3,84947E-05	6,34329 E-07	0,298379
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodospirillales</i>	<i>Rhodospirillaceae</i>	<i>Insolitispirillum</i>	0,00333733 9	0,00000 084	8,54E-05
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Intrasporangiaceae</i>	<i>Janibacter</i>	2,98895E-05	1,36504 E-05	0,1625
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Oxalobacteraceae</i>	<i>Janthinobacterium</i>	0	5,52568 E-07	0,393769
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Staphylococcaceae</i>	<i>Jeotgalicoccus</i>	0,00040817 3	0,00143 2052	0,404809
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Johnsonella</i>	2,16269E-06	0	0,240955
<i>Bacteria</i>	<i>Synergistetes</i>	<i>Synergistia</i>	<i>Synergistales</i>	<i>Synergistaceae</i>	<i>Jonquetella</i>	0	1,28304 E-05	0,11879
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Kandleria</i>	0,00003317 9	4,60169 E-05	0,745201
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Kineosporiaceae</i>	<i>Kineococcus</i>	5,54216E-06	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Neisseriales</i>	<i>Neisseriaceae</i>	<i>Kingella</i>	0,00422679 5	6,31892 E-05	0,000247
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Klebsiella</i>	0,08805895 2	9,13837 E-05	0,000263
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micrococcaceae</i>	<i>Kocuria</i>	0,00021088 6	2,19089 E-07	8,54E-05
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Myxococcales</i>	<i>Kofleriaceae</i>	<i>Kofleria</i>	0,00000324 4	0	0,240955
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Planococcaceae</i>	<i>Kurthia</i>	0,00033030 5	0,00214 5709	0,866788
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Dermaococcaceae</i>	<i>Kytococcus</i>	1,66524E-05	0	0,088427
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Xanthobacteraceae</i>	<i>Labrys</i>	0	9,58885 E-05	0,215311

<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Lachnoanaerobaculum</i>	9,19418E-05	3,42424E-05	0,699444
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Lachnobacterium</i>	0	2,25195E-05	0,016307
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Lachnospira</i>	3,05014E-06	2,94039E-05	0,0052
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Lachnospiraceae_incertae_sedis</i>	0,003368005	0,010866986	0,116677
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Lactobacillaceae</i>	<i>Lactobacillus</i>	0,014010261	0,044019698	0,031803
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Streptococcaceae</i>	<i>Lactococcus</i>	0,000145498	0,000021169	0,001502
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Lactonifactor</i>	2,89948E-05	4,60225E-05	0,763965
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Streptococcaceae</i>	<i>Lactovum</i>	2,56347E-06	1,33581E-05	0,198154
<i>Bacteria</i>	<i>Latescibacteria</i>	<i>Latescibacteria_genera_incertae_sedis</i>	<i>Latescibacteria_genera_incertae_sedis</i>	<i>Latescibacteria_genera_incertae_sedis</i>	<i>Latescibacteria_genera_incertae_sedis</i>	0	1,74051E-06	0,393769
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Leclercia</i>	2,16741E-05	7,01232E-07	0,042978
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Legionellales</i>	<i>Legionellaceae</i>	<i>Legionella</i>	7,5694E-06	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Lelliottia</i>	2,85225E-06	0	0,240955
<i>Bacteria</i>	<i>Fusobacteria</i>	<i>Fusobacteriia</i>	<i>Fusobacteriales</i>	<i>Leptotrichiaceae</i>	<i>Leptotrichia</i>	0,000371186	0,000068242	0,137807
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Microbacteriaceae</i>	<i>Leucobacter</i>	0,000039858	1,89614E-05	0,293984
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Leuconostocaceae</i>	<i>Leuconostoc</i>	0,000192518	3,08609E-05	0,004916
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Xanthomonadales</i>	<i>Xanthomonadaceae</i>	<i>Luteimonas</i>	5,25468E-05	2,11443E-07	0,105083
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Propionibacteriaceae</i>	<i>Luteococcus</i>	0,000014665	3,9283E-06	0,643325
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Gracilibacteraceae</i>	<i>Lutispora</i>	4,84233E-05	5,83238E-06	0,367728
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Xanthomonadales</i>	<i>Xanthomonadaceae</i>	<i>Lysobacter</i>	2,85476E-05	4,94735E-07	0,756733

<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Staphylococcaceae</i>	<i>Macrococcus</i>	0	2,36616 E-05	0,393769
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pasteurellales</i>	<i>Pasteurellaceae</i>	<i>Mannheimia</i>	0,00002201 6	3,38309 E-06	0,756733
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Oceanospirillales</i>	<i>Oceanospirillaceae</i>	<i>Marinospirillum</i>	3,36415E-05	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodospirillales</i>	<i>Rhodospirillaceae</i>	<i>Marispirillum</i>	0	0,00000 021	0,393769
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Nocardioideae</i>	<i>Marmoricola</i>	1,08134E-06	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Aurantimonadaceae</i>	<i>Marteella</i>	0,00000129 6	0	0,240955
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Marvinbryantia</i>	0,00059134 7	1,41482 E-06	0,00016
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Oxalobacteraceae</i>	<i>Massilia</i>	4,14254E-05	0	0,010871
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Megasphaera</i>	0,00032724 5	0,04975	0,00128
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Cytophagia</i>	<i>Cytophagales</i>	<i>Cytophagaceae</i>	<i>Meniscus</i>	0	1,96809 E-06	0,11879
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Phyllobacteriaceae</i>	<i>Mesorhizobium</i>	0,00013249 1	0,00084 7639	0,933608
<i>Archaea</i>	<i>Euryarchaeota</i>	<i>Methanobacteria</i>	<i>Methanobacteriales</i>	<i>Methanobacteriaceae</i>	<i>Methanobrevibacter</i>	0,00036087 3	0,00080 9144	0,186449
<i>Archaea</i>	<i>Euryarchaeota</i>	<i>Methanobacteria</i>	<i>Methanobacteriales</i>	<i>Methanobacteriaceae</i>	<i>Methanosphaera</i>	0	7,01232 E-07	0,393769
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Methylobacteriaceae</i>	<i>Methylobacterium</i>	9,37907E-05	0,00001 0458	0,027679
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Microbacteriaceae</i>	<i>Microbacterium</i>	0,00023982 2	0,00005 7493	0,002708
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micrococcaceae</i>	<i>Micrococcus</i>	0,00059333 8	4,19139 E-05	0,000517
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Nocardiaceae</i>	<i>Millisia</i>	1,84328E-06	6,57266 E-07	0,756733
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Mitsuokella</i>	0,00000324 4	0,00190 1084	0,000376
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XIII</i>	<i>Mogibacterium</i>	7,82044E-05	2,66556 E-05	0,475912
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Moheibacter</i>	0	1,48631 E-05	0,215311

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Moraxellaceae</i>	<i>Moraxella</i>	0,34040911	0,03189 5711	0,000524
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Moryella</i>	4,06014E-06	0,00000 021	0,298379
<i>Bacteria</i>	<i>Deferribacteres</i>	<i>Deferribacteres</i>	<i>Deferribacterales</i>	<i>Deferribacteraceae</i>	<i>Mucispirillum</i>	0,00250709 7	0,00157 0697	0,016591
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Mycobacteriaceae</i>	<i>Mycobacterium</i>	1,40237E-05	0	0,088427
<i>Bacteria</i>	<i>Tenericutes</i>	<i>Mollicutes</i>	<i>Mycoplasmatales</i>	<i>Mycoplasmataceae</i>	<i>Mycoplasma</i>	0,06717919 7	0,10323 6434	0,508883
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Myroides</i>	5,18897E-05	2,34003 E-05	0,483569
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Natranaerovirga</i>	<i>Natranaerovirga</i>	0	0,00000 042	0,393769
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Oxalobacteraceae</i>	<i>Naxibacter</i>	1,46267E-06	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Neisseriales</i>	<i>Neisseriaceae</i>	<i>Neisseria</i>	0,01013584 8	0,00018 857	0,000278
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micrococcaceae</i>	<i>Nesterenkonia</i>	4,43296E-05	1,45694 E-05	1
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pasteurellales</i>	<i>Pasteurellaceae</i>	<i>Nicoletella</i>	2,85225E-06	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Bradyrhizobiaceae</i>	<i>Nitrobacter</i>	0	4,22454 E-06	0,11879
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Nocardioideaceae</i>	<i>Nocardioides</i>	7,30464E-05	1,95496 E-05	0,141383
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Nocardiopsaceae</i>	<i>Nocardiopsis</i>	0	5,43338 E-05	0,11879
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Staphylococcaceae</i>	<i>Nosocomiicoccus</i>	0	2,60879 E-06	0,215311
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Sphingomonadales</i>	<i>Sphingomonadaceae</i>	<i>Novosphingobium</i>	2,92535E-05	9,62066 E-05	0,876911
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Brucellaceae</i>	<i>Ochrobactrum</i>	0,00041604 6	1,01915 E-05	0,000673
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Odoribacter</i>	0,00229779 8	2,68787 E-05	0,000195
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Bradyrhizobiaceae</i>	<i>Oligotropha</i>	0	4,34457 E-06	0,063994
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Coriobacteriales</i>	<i>Coriobacteriaceae</i>	<i>Olsenella</i>	8,26371E-06	9,33432 E-05	0,062473

Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Oribacterium	0,00016467 2	0,00099 3875	0,016639
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Intrasporangiaceae	Ornithinimicrobium	2,04432E-05	2,19089 E-06	0,132342
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Ornithobacterium	0,00012318 4	0,00019 818	0,67201
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Oscillibacter	0,01587394 2	0,01483 5897	0,679708
Bacteria	Proteobacteria	Gammaproteobacteria	Pasteurellales	Pasteurellaceae	Otariodibacter	2,86735E-05	9,70645 E-06	0,861403
Bacteria	Firmicutes	Clostridia	Clostridiales	Other	Other	0,0201456	0,01604 7997	0,186449
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Other	0,01493344 6	0,02433 3589	0,363722
Bacteria	Bacteroidetes	Other	Other	Other	Other	0,00106323 8	0,01088 7235	0,002249
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Other	0,03386220 9	0,00947 4602	0,000711
Bacteria	Other	Other	Other	Other	Other	0,02435230 6	0,00753 3596	0,001703
Unclassified	Other	Other	Other	Other	Other	0,00946586 2	0,00180 6894	0,001703
Bacteria	Firmicutes	Bacilli	Lactobacillales	Enterococcaceae	Other	0,00791662 1	0,00138 7831	0,001703
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Other	Other	0,00495965 2	0,00734 1611	0,508883
Bacteria	Firmicutes	Other	Other	Other	Other	0,00212490 7	0,00237 6888	0,457391
Bacteria	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Chitinophagaceae	Other	0,00200345 7	0,00070 6989	0,013243
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Other	0,00124659	0,00683 6671	0,013243
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae	Other	0,00097348 2	0,00391 3863	0,057543
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiaceae 1	Other	0,00083175 7	0,00030 4854	0,016639

<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Peptostreptococcaceae</i>	<i>Other</i>	0,000774828	0,000244876	0,003699
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Other</i>	<i>Other</i>	0,000696558	6,99622E-05	0,000495
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Other</i>	0,00062675	0,00871136	0,006432
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Desulfovibrionales</i>	<i>Desulfovibrionaceae</i>	<i>Other</i>	0,000504303	0,000100472	0,000521
<i>Bacteria</i>	<i>Fusobacteria</i>	<i>Fusobacteriia</i>	<i>Fusobacteriales</i>	<i>Leptotrichiaceae</i>	<i>Other</i>	0,000467015	0,000023359	0,011356
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Other</i>	0,00037528	0,001302102	0,010475
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0,000361368	0,000168613	0,738964
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0,000347396	0,000434698	0,1372
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Other</i>	0,00033715	0,000400217	0,408961
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Neisseriales</i>	<i>Neisseriaceae</i>	<i>Other</i>	0,00031669	0,000133541	0,015006
<i>Unassignable</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0,000164052	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pasteurellales</i>	<i>Pasteurellaceae</i>	<i>Other</i>	0,000157209	0,000108771	0,32175
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Prevotellaceae</i>	<i>Other</i>	0,00015075	0,003676419	0,000384
<i>Archaea</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0,000139114	6,07902E-05	0,015006
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0,000132816	7,05383E-05	0,408961
<i>Bacteria</i>	<i>Planctomycetes</i>	<i>Planctomycetia</i>	<i>Planctomycetales</i>	<i>Planctomycetaceae</i>	<i>Other</i>	0,000131638	0,001346548	0,001695
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Marinilabiaceae</i>	<i>Other</i>	0,0001249	0,000259682	0,066842
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Moraxellaceae</i>	<i>Other</i>	0,000116488	1,86123E-05	0,015697

<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Coriobacteriales</i>	<i>Coriobacteriaceae</i>	<i>Other</i>	0,00011544 6	0,00028 8724	0,031728
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XI</i>	<i>Other</i>	0,00010104 7	5,80171 E-07	0,033134
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	7,97182E-05	0,00012 4754	0,740743
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Microbacteriaceae</i>	<i>Other</i>	7,47374E-05	3,65776 E-06	0,08083
<i>Bacteria</i>	<i>Synergistetes</i>	<i>Synergistia</i>	<i>Synergistales</i>	<i>Synergistaceae</i>	<i>Other</i>	6,27505E-05	1,61566 E-05	0,35801
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Hyphomicrobiaceae</i>	<i>Other</i>	0,00005402 2	2,90086 E-07	0,298379
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Other</i>	<i>Other</i>	0,00005146	0,00017 9094	0,018093
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0,00004042 9	0,00025 2542	0,059099
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Other</i>	<i>Other</i>	0,00003887 9	5,11929 E-06	0,229758
<i>Archaea</i>	<i>Crenarchaeota</i>	<i>Thermoprotei</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	3,68849E-05	9,37132 E-06	0,018426
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	3,49028E-05	0,00060 8921	0,000637
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Sphingobacteriia</i>	<i>Sphingobacteriales</i>	<i>Sphingobacteriaceae</i>	<i>Other</i>	3,28427E-05	0,00088 0639	0,095688
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Phyllobacteriaceae</i>	<i>Other</i>	3,13357E-05	2,74876 E-06	0,756733
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	3,06185E-05	5,02519 E-05	0,183584
<i>Bacteria</i>	<i>Lentisphaerae</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	3,03771E-05	5,52568 E-07	0,298379
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Other</i>	<i>Other</i>	2,98316E-05	0,00052 7908	0,00634
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Other</i>	2,44359E-05	3,42038 E-06	0,915168
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Nocardioideaceae</i>	<i>Other</i>	2,37895E-05	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Sphingomonadales</i>	<i>Sphingomonadaceae</i>	<i>Other</i>	1,86026E-05	3,37978 E-06	0,915168

<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Aerococcaceae</i>	<i>Other</i>	1,69478E-05	6,21013E-06	1
<i>Bacteria</i>	<i>Verrucomicrobia</i>	<i>Opitutae</i>	<i>Puniceococcales</i>	<i>Puniceococcaceae</i>	<i>Other</i>	1,29761E-05	0,00000063	0,756733
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodospirillales</i>	<i>Rhodospirillaceae</i>	<i>Other</i>	1,01664E-05	0,000078362	0,90784
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodospirillales</i>	<i>Other</i>	<i>Other</i>	8,85959E-06	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Desulfovibrionales</i>	<i>Other</i>	<i>Other</i>	0,000008776	6,02593E-06	0,229758
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Xanthomonadales</i>	<i>Xanthomonadaceae</i>	<i>Other</i>	7,5694E-06	1,51061E-05	0,876911
<i>Bacteria</i>	<i>Chlamydiae</i>	<i>Chlamydiia</i>	<i>Chlamydiales</i>	<i>Parachlamydiaceae</i>	<i>Other</i>	7,5694E-06	0	0,240955
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Other</i>	7,54908E-06	0,000306338	0,00462
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Other</i>	<i>Other</i>	7,09263E-06	7,01232E-07	0,132342
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Lactobacillaceae</i>	<i>Other</i>	6,44519E-06	0,000176725	0,002907
<i>Archaea</i>	<i>Euryarchaeota</i>	<i>Thermoplasmata</i>	<i>Thermoplasmatales</i>	<i>Other</i>	<i>Other</i>	5,9064E-06	1,48054E-06	0,562711
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Chromatiales</i>	<i>Other</i>	<i>Other</i>	5,40671E-06	0	0,240955
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Pseudonocardiaceae</i>	<i>Other</i>	3,68655E-06	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Sutterellaceae</i>	<i>Other</i>	2,85225E-06	0,000003669	0,562711
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Propionibacteriaceae</i>	<i>Other</i>	2,59194E-06	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Pseudomonadaceae</i>	<i>Other</i>	2,39677E-06	3,25361E-05	0,435428
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Rikenellaceae</i>	<i>Other</i>	2,39368E-06	0	0,088427
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Rhodocyclales</i>	<i>Rhodocyclaceae</i>	<i>Other</i>	2,21686E-06	3,38309E-06	0,876911
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Other</i>	<i>Other</i>	1,84328E-06	0,000114573	0,00844
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodobacterales</i>	<i>Rhodobacteraceae</i>	<i>Other</i>	1,84328E-06	1,93281E-05	0,649136
<i>Bacteria</i>	<i>Chloroflexi</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	1,84328E-06	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Caulobacterales</i>	<i>Caulobacteraceae</i>	<i>Other</i>	1,65883E-06	2,11443E-07	0,298379

<i>Bacteria</i>	<i>Tenericutes</i>	<i>Mollicutes</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	1,1008E-06	0	0,240955
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micrococcaceae</i>	<i>Other</i>	5,50399E-07	2,83857 E-06	0,220572
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Other</i>	<i>Other</i>	5,50399E-07	2,07377 E-06	0,263359
<i>Bacteria</i>	<i>Fusobacteria</i>	<i>Fusobacteriia</i>	<i>Fusobacteriales</i>	<i>Fusobacteriaceae</i>	<i>Other</i>	5,50399E-07	6,1439E -07	0,845405
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Alcaligenaceae</i>	<i>Other</i>	5,50399E-07	0	0,240955
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Sphingobacteriia</i>	<i>Sphingobacteriales</i>	<i>Other</i>	<i>Other</i>	0	0,00038 4509	0,003268
<i>Bacteria</i>	<i>Spirochaetes</i>	<i>Spirochaetia</i>	<i>Spirochaetales</i>	<i>Spirochaetaceae</i>	<i>Other</i>	0	0,00016 4305	0,003268
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Acidaminococcaceae</i>	<i>Other</i>	0	0,00013 859	0,001308
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XIII</i>	<i>Other</i>	0	0,00011 0013	0,00016
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0	6,64059 E-05	0,11879
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Epsilonproteobacteria</i>	<i>Campylobacteriales</i>	<i>Other</i>	<i>Other</i>	0	4,45188 E-05	0,003268
<i>Bacteria</i>	<i>Spirochaetes</i>	<i>Spirochaetia</i>	<i>Spirochaetales</i>	<i>Other</i>	<i>Other</i>	0	3,62951 E-05	0,007557
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Bradyrhizobiaceae</i>	<i>Other</i>	0	2,86715 E-05	0,063994
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Streptococcaceae</i>	<i>Other</i>	0	8,81594 E-06	0,033134
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Other</i>	<i>Other</i>	0	8,66362 E-06	0,007557
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Epsilonproteobacteria</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0	8,47936 E-06	0,033134
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Cytophagia</i>	<i>Cytophagales</i>	<i>Other</i>	<i>Other</i>	0	6,4481E -06	0,033134
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Planococcaceae</i>	<i>Other</i>	0	4,84568 E-06	0,11879
<i>Bacteria</i>	<i>Cyanobacteria/Chloroplast</i>	<i>Chloroplast</i>	<i>Chloroplast</i>	<i>Chloroplast</i>	<i>Other</i>	0	3,50542 E-06	0,393769

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Aeromonadales</i>	<i>Succinivibrionaceae</i>	<i>Other</i>	0	2,98888 E-06	0,063994
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Epsilonproteobacteria</i>	<i>Campylobacterales</i>	<i>Helicobacteraceae</i>	<i>Other</i>	0	2,80493 E-06	0,393769
<i>Archaea</i>	<i>Euryarchaeota</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0	2,78865 E-06	0,215311
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Burkholderiales_incertae_sedis</i>	<i>Other</i>	0	0,00000 2043	0,063994
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Aeromonadales</i>	<i>Aeromonadaceae</i>	<i>Other</i>	0	1,16034 E-06	0,393769
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Staphylococcaceae</i>	<i>Other</i>	0	8,41455 E-07	0,215311
<i>Bacteria</i>	<i>Verrucomicrobia</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	<i>Other</i>	0	7,10085 E-07	0,215311
<i>Bacteria</i>	<i>Tenericutes</i>	<i>Mollicutes</i>	<i>Anaeroplasmatales</i>	<i>Anaeroplasmataceae</i>	<i>Other</i>	0	7,01232 E-07	0,393769
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Corynebacteriaceae</i>	<i>Other</i>	0	6,34329 E-07	0,393769
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Cytophagia</i>	<i>Cytophagales</i>	<i>Cytophagaceae</i>	<i>Other</i>	0	0,00000 063	0,393769
<i>Archaea</i>	<i>Euryarchaeota</i>	<i>Methanobacteria</i>	<i>Methanobacteriales</i>	<i>Methanobacteriaceae</i>	<i>Other</i>	0	6,03093 E-07	0,393769
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Gracilibacteraceae</i>	<i>Other</i>	0	5,00085 E-07	0,215311
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Chromatiales</i>	<i>Chromatiaceae</i>	<i>Other</i>	0	4,94735 E-07	0,393769
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Incertae Sedis XI</i>	<i>Other</i>	0	4,22886 E-07	0,393769
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Desulfovibrionales</i>	<i>Desulfohalobiaceae</i>	<i>Other</i>	0	0,00000 042	0,393769
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Intrasporangiaceae</i>	<i>Other</i>	0	2,19089 E-07	0,393769
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Vibrionales</i>	<i>Vibrionaceae</i>	<i>Other</i>	0	2,19089 E-07	0,393769
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Caulobacterales</i>	<i>Other</i>	<i>Other</i>	0	2,11443 E-07	0,393769

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Sphingomonadales</i>	<i>Other</i>	<i>Other</i>	0	2,11443 E-07	0,393769
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Eubacteriaceae</i>	<i>Other</i>	0	0,00000 021	0,393769
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Oxalobacteraceae</i>	<i>Oxalobacter</i>	8,14606E-05	0,00021 6108	0,038646
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Paenibacillaceae 1</i>	<i>Paenibacillus</i>	1,46267E-06	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Brucellaceae</i>	<i>Paenochrobactrum</i>	3,13589E-05	0	0,240955
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Paludibacter</i>	0,00105462 5	0,00174 8689	0,283074
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Papillibacter</i>	0,00008537	0,00021 3937	0,508138
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Parabacteroides</i>	0,00215610 3	0,00055 1567	0,000524
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodobacterales</i>	<i>Rhodobacteraceae</i>	<i>Paracoccus</i>	0,00039197 1	7,38055 E-06	0,088869
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Coriobacteriales</i>	<i>Coriobacteriaceae</i>	<i>Paraeggerthella</i>	1,84328E-06	1,99887 E-05	0,649136
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Lactobacillaceae</i>	<i>Paralactobacillus</i>	0	0,00014 2141	0,003268
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Prevotellaceae</i>	<i>Paraprevotella</i>	0,00039670 5	0,01124 9129	0,00028
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Sphingobacteriia</i>	<i>Sphingobacteriales</i>	<i>Chitinophagaceae</i>	<i>Parasegetibacter</i>	0	2,11443 E-07	0,393769
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Parasporobacterium</i>	6,23129E-06	1,90108 E-05	0,245755
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Sutterellaceae</i>	<i>Parasutterella</i>	0,00085338 3	8,42983 E-05	0,000273
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XI</i>	<i>Parvimonas</i>	0,00012072 8	9,51084 E-06	0,071628
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pasteurellales</i>	<i>Pasteurellaceae</i>	<i>Pasteurella</i>	0,00104124 1	4,89688 E-05	0,000273
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Pectobacterium</i>	0	2,19089 E-05	0,393769
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Lactobacillaceae</i>	<i>Pediococcus</i>	0,00011196 2	6,3333E -06	0,000246

<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Sphingobacteriia</i>	<i>Sphingobacteriales</i>	<i>Sphingobacteriaceae</i>	<i>Pedobacter</i>	3,79775E-05	1,28933 E-06	0,756733
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Pelomonas</i>	0,00016083 4	2,98065 E-05	0,002829
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Syntrophomonadaceae</i>	<i>Pelospora</i>	0	0,00000 021	0,393769
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Peptococcaceae 1</i>	<i>Peptococcus</i>	0,00011184 7	0,00013 2848	0,677021
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XI</i>	<i>Peptoniphilus</i>	0,00039020 9	2,29946 E-05	0,002997
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Peptostreptococcaceae</i>	<i>Peptostreptococcaceae_i ncertae_sedis</i>	4,63364E-05	0	0,088427
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Peptostreptococcaceae</i>	<i>Peptostreptococcus</i>	0,00020868 9	3,00219 E-05	0,004916
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Moraxellaceae</i>	<i>Perlucidibaca</i>	1,37816E-05	0	0,240955
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Petrimonas</i>	0	8,13877 E-05	0,007557
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Acidaminococcaceae</i>	<i>Phascolarctobacterium</i>	0,00104463 5	0,04075 3749	0,00028
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Caulobacterales</i>	<i>Caulobacteraceae</i>	<i>Phenylobacterium</i>	1,84328E-06	0	0,240955
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Bacteroidales"_incertae_sedi s</i>	<i>Phocaeicola</i>	0	9,89471 E-07	0,393769
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Vibrionales</i>	<i>Vibrionaceae</i>	<i>Photobacterium</i>	1,38439E-05	0	0,088427
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Phyllobacteriaceae</i>	<i>Phyllobacterium</i>	0,00020873 2	0,00104 9156	0,408138
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Nocardioideaceae</i>	<i>Pimelobacter</i>	5,50399E-07	0	0,240955
<i>Bacteria</i>	<i>Planctomycetes</i>	<i>Planctomycetia</i>	<i>Planctomycetales</i>	<i>Planctomycetaceae</i>	<i>Pirellula</i>	0	1,84189 E-07	0,393769
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Planobacterium</i>	0,00031138 4	5,15328 E-06	0,000813
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Planococcaceae</i>	<i>Planococcaceae_incertae _sedis</i>	0,00010821	1,99914 E-05	0,220572
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Planococcaceae</i>	<i>Planomicrobium</i>	6,89079E-06	0	0,240955
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Cytophagia</i>	<i>Cytophagales</i>	<i>Cytophagaceae</i>	<i>Pontibacter</i>	1,84328E-06	3,98284 E-06	0,876911
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Sphingomonadales</i>	<i>Erythrobacteraceae</i>	<i>Porphyrobacter</i>	1,84328E-06	0	0,240955

<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Porphyromonas</i>	0,00082151 1	0,00018 7014	0,026246
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Prevotellaceae</i>	<i>Prevotella</i>	0,01318382 6	0,16814 5744	0,001703
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidetes"_incertae _sedis</i>	<i>Prolixibacter</i>	<i>Prolixibacter</i>	<i>Prolixibacter</i>	0	4,41183 E-06	0,11879
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Propionibacteriaceae</i>	<i>Propionibacterium</i>	0,00285081 6	0,00024 2669	0,000278
<i>Bacteria</i>	<i>Fusobacteria</i>	<i>Fusobacteriia</i>	<i>Fusobacteriales</i>	<i>Fusobacteriaceae</i>	<i>Propionigenium</i>	0	1,16034 E-06	0,393769
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Rhodocyclales</i>	<i>Rhodocyclaceae</i>	<i>Propionivibrio</i>	4,32537E-06	0	0,240955
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiaceae 1</i>	<i>Proteiniclasticum</i>	3,20675E-05	0	0,088427
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Peptostreptococcaceae</i>	<i>Proteocatella</i>	0,00005089 9	4,60086 E-06	0,132342
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Proteus</i>	1,18948E-05	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Providencia</i>	6,47984E-06	0	0,240955
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Pseudobutyrvibrio</i>	5,9064E-06	0,00021 5932	0,001292
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Pseudoflavonifractor</i>	0,00454789 6	0,00183 2117	0,002953
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Pseudomonadaceae</i>	<i>Pseudomonas</i>	0,00221467 2	5,44188 E-05	0,000195
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Pseudonocardiaceae</i>	<i>Pseudonocardia</i>	3,40265E-06	0	0,088427
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Eubacteriaceae</i>	<i>Pseudoramibacter</i>	0	2,90086 E-07	0,393769
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Sphingobacteriia</i>	<i>Sphingobacteriales</i>	<i>Sphingobacteriaceae</i>	<i>Pseudosphingobacterium</i>	0	2,85928 E-06	0,215311
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Xanthomonadales</i>	<i>Xanthomonadaceae</i>	<i>Pseudoxanthomonas</i>	4,02014E-05	6,87385 E-05	0,782741
<i>Bacteria</i>	<i>Fusobacteria</i>	<i>Fusobacteriia</i>	<i>Fusobacteriales</i>	<i>Fusobacteriaceae</i>	<i>Psychrilyobacter</i>	1,90147E-05	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Moraxellaceae</i>	<i>Psychrobacter</i>	0,00014681 4	8,87313 E-05	0,211448
<i>Bacteria</i>	<i>Synergistetes</i>	<i>Synergistia</i>	<i>Synergistales</i>	<i>Synergistaceae</i>	<i>Pyramidobacter</i>	2,32771E-05	0,00010 4708	0,014516
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Burkholderiaceae</i>	<i>Ralstonia</i>	8,86745E-06	4,14974 E-05	0,311555

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Enterobacteriales</i>	<i>Enterobacteriaceae</i>	<i>Raoultella</i>	0,000034227	0	0,240955
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micrococcaceae</i>	<i>Renibacterium</i>	6,52285E-05	7,7467E-07	0,002267
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Chromatiales</i>	<i>Chromatiaceae</i>	<i>Rheinheimera</i>	0	8,33084E-06	0,11879
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Rhizobiaceae</i>	<i>Rhizobium</i>	0,000532441	0,000168251	0,006409
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodobacterales</i>	<i>Rhodobacteraceae</i>	<i>Rhodobacter</i>	0	4,27294E-05	0,215311
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Nocardiaceae</i>	<i>Rhodococcus</i>	0,000206968	9,87067E-05	0,127456
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodospirillales</i>	<i>Acetobacteraceae</i>	<i>Rhodovarius</i>	2,92535E-06	0	0,240955
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Rikenellaceae</i>	<i>Rikenella</i>	2,56703E-05	0	0,240955
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Robinsoniella</i>	9,50807E-05	2,29884E-05	0,103085
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Roseburia</i>	0,00138735	0,019456389	0,000711
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodospirillales</i>	<i>Acetobacteraceae</i>	<i>Roseomonas</i>	6,65059E-06	0	0,240955
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micrococcaceae</i>	<i>Rothia</i>	0,004924722	0,006420408	0,159665
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodobacterales</i>	<i>Rhodobacteraceae</i>	<i>Rubellimicrobium</i>	2,05899E-05	0	0,031967
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Rubrobacterales</i>	<i>Rubrobacteraceae</i>	<i>Rubrobacter</i>	0,000011261	0	0,088427
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Aeromonadales</i>	<i>Succinivibrionaceae</i>	<i>Ruminobacter</i>	3,08223E-05	2,74296E-05	0,044544
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Ruminococcus</i>	0,003641119	0,007809513	0,057543
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Ruminococcus2</i>	0,001274479	0,001398366	0,56326
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Planococcaceae</i>	<i>Rummeliibacillus</i>	0	2,19089E-07	0,393769
<i>Bacteria</i>	<i>Candidatus Saccharibacteria</i>	<i>Saccharibacteria_genera_incertae_sedis</i>	<i>Saccharibacteria_genera_incertae_sedis</i>	<i>Saccharibacteria_genera_incertae_sedis</i>	<i>Saccharibacteria_genera_incertae_sedis</i>	0,000687093	0,000219227	0,016449
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Ruminococcaceae</i>	<i>Saccharofermentans</i>	2,51707E-05	0,000044163	0,059099
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Salinimicrobium</i>	2,16269E-06	0	0,240955

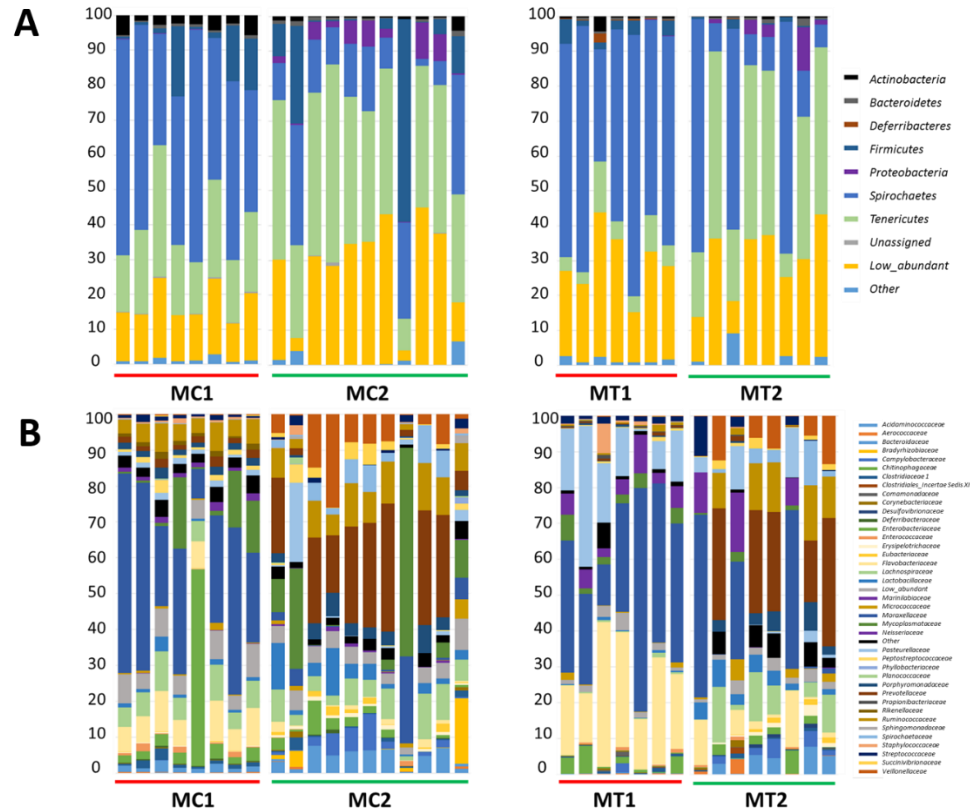
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiaceae 1	Sarcina	1,9688E-06	5,06177 E-05	0,014074
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Schlegelella	1,39863E-05	0	0,031967
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae	Schwartzia	4,95359E-06	0,00342 5093	0,002997
Bacteria	Firmicutes	Clostridia	Halanaerobiales	Halobacteroidaceae	Selenihalanaerobacter	0	1,16034 E-06	0,393769
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae	Selenomonas	1,07998E-05	0,00366 9862	0,002204
Bacteria	Firmicutes	Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	Sharpea	1,17014E-05	0	0,240955
Bacteria	Proteobacteria	Gammaproteobacteria	Alteromonadales	Shewanellaceae	Shewanella	2,88192E-05	0	0,240955
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Shuttleworthia	0	2,71755 E-06	0,063994
Bacteria	Proteobacteria	Betaproteobacteria	Neisseriales	Neisseriaceae	Simonsiella	0	3,80341 E-06	0,215311
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Simplicispira	0	1,41002 E-05	0,215311
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Micrococcaceae	Sinomonas	0	2,57865 E-06	0,393769
Bacteria	Actinobacteria	Actinobacteria	Coriobacteriales	Coriobacteriaceae	Slackia	0	2,90086 E-07	0,393769
Bacteria	Firmicutes	Bacilli	Bacillales	Planococcaceae	Solibacillus	0	3,68379 E-07	0,393769
Bacteria	Actinobacteria	Actinobacteria	Solirubrobacterales	Solirubrobacteraceae	Solirubrobacter	2,31679E-05	0	0,088427
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Soonwooa	1,29029E-05	2,11443 E-07	0,756733
Bacteria	Chloroflexi	Thermomicrobia	Sphaerobacterales	Sphaerobacteraceae	Sphaerobacter	0	4,26069 E-06	0,393769
Bacteria	Spirochaetes	Spirochaetia	Spirochaetales	Spirochaetaceae	Sphaerochaeta	0,00011119 8	0,00465 5045	0,000524
Bacteria	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Sphingobacteriaceae	Sphingobacterium	0,00017545 3	0,00017 6939	0,264715
Bacteria	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Sphingobium	0,00002610 2	7,7467E -07	0,033134
Bacteria	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Sphingomonas	0,0005245	0,00295 6599	0,457391
Bacteria	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Sphingopyxis	2,92535E-06	0	0,240955

Bacteria	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Sphingosinicella	1,55516E-05	0	0,240955
Bacteria	Firmicutes	Clostridia	Clostridiales	Peptostreptococcaceae	Sporacetigenium	5,15997E-05	7,07145E-05	0,502247
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Sporobacter	0,002762549	0,001692381	0,031803
Bacteria	SR1	SR1_genera_incertae_sedis	SR1_genera_incertae_sedis	SR1_genera_incertae_sedis	SR1_genera_incertae_sedis	3,41247E-05	2,44379E-05	0,845405
Bacteria	Firmicutes	Bacilli	Bacillales	Staphylococcaceae	Staphylococcus	0,00486108	0,002624935	0,016165
Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Stenotrophomonas	0,000516755	0,000138182	0,007278
Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Sinobacteraceae	Steroidobacter	0	3,18627E-06	0,393769
Bacteria	Fusobacteria	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Streptobacillus	2,91963E-05	1,26866E-06	0,756733
Bacteria	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	0,010044047	0,009818849	0,457391
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Streptomycetaceae	Streptomyces	3,25087E-05	7,64099E-05	0,749296
Bacteria	Cyanobacteria/Chloroplast	Chloroplast	Chloroplast	Chloroplast	Streptophyta	0,001405774	0,000832014	0,002953
Bacteria	Verrucomicrobia	Subdivision5	Subdivision5_genera_incertae_sedis	Subdivision5_genera_incertae_sedis	Subdivision5_genera_incertae_sedis	0,000385579	0,000663453	0,741182
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Subdoligranulum	2,85225E-06	9,64788E-06	0,193236
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Acidaminococcaceae	Succiniclasticum	0	1,45043E-06	0,393769
Bacteria	Proteobacteria	Gammaproteobacteria	Aeromonadales	Succinivibrionaceae	Succinivibrio	0,000830704	0,017056563	0,1372
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Sutterellaceae	Sutterella	0,000123852	0,000294118	0,080216
Bacteria	Proteobacteria	Gammaproteobacteria	Cardiobacteriales	Cardiobacteriaceae	Suttonella	2,35137E-05	0	0,088427
Bacteria	Synergistetes	Synergistia	Synergistales	Synergistaceae	Synergistes	0,000191788	0	0,010871
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Syntrophococcus	1,73549E-05	4,20653E-05	0,688915

<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Tannerella</i>	0,000193495	0,00016178	0,457391
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Burkholderiales_incertae_sedis</i>	<i>Tepidimonas</i>	1,57225E-05	2,27524E-05	1
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Intrasporangiaceae</i>	<i>Terracoccus</i>	0	1,20619E-06	0,393769
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Sphingobacteriia</i>	<i>Sphingobacteriales</i>	<i>Chitinophagaceae</i>	<i>Terrimonas</i>	0	0,000004216	0,393769
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Propionibacteriaceae</i>	<i>Tessaracoccus</i>	0,000028578	0,000000642	0,071628
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Rhodocyclales</i>	<i>Rhodocyclaceae</i>	<i>Thauera</i>	0	0,000104633	0,215311
<i>Archaea</i>	<i>Euryarchaeota</i>	<i>Thermoplasmata</i>	<i>Thermoplasmatales</i>	<i>Thermoplasmatales_incertae_sedis</i>	<i>Thermogymnomonas</i>	0	5,24638E-05	0,063994
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Xanthomonadales</i>	<i>Xanthomonadaceae</i>	<i>Thermomonas</i>	1,99658E-05	0	0,240955
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhodobacterales</i>	<i>Rhodobacteraceae</i>	<i>Thioclava</i>	0	1,01835E-06	0,215311
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Thiotrichales</i>	<i>Thiotrichaceae</i>	<i>Thiothrix</i>	0	4,05951E-05	0,11879
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Clostridiales_Incertae Sedis XI</i>	<i>Tissierella</i>	6,14874E-05	1,84189E-07	0,298379
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Aeromonadales</i>	<i>Aeromonadaceae</i>	<i>Tolumonas</i>	0	1,27821E-05	0,393769
<i>Bacteria</i>	<i>Spirochaetes</i>	<i>Spirochaetia</i>	<i>Spirochaetales</i>	<i>Spirochaetaceae</i>	<i>Treponema</i>	0,000834052	0,035544528	0,00028
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Trichococcus</i>	5,01846E-05	4,59281E-05	0,76399
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Actinomycetaceae</i>	<i>Trueperella</i>	0	5,85825E-05	0,063994
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Corynebacteriaceae</i>	<i>Turicella</i>	0	5,91332E-05	0,063994
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Turicibacter</i>	0,000982986	0,000645882	0,1372
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Oxalobacteraceae</i>	<i>Undibacterium</i>	0,000281504	4,53981E-05	0,00173
<i>Bacteria</i>	<i>Tenericutes</i>	<i>Mollicutes</i>	<i>Mycoplasmatales</i>	<i>Mycoplasmataceae</i>	<i>Ureaplasma</i>	0,000005504	0	0,240955

<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Neisseriales</i>	<i>Neisseriaceae</i>	<i>Uruburuella</i>	1,71135E-05	0	0,240955
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Enterococcaceae</i>	<i>Vagococcus</i>	3,98297E-05	0	0,031967
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Bdellovibrionales</i>	<i>Bdellovibrionaceae</i>	<i>Vampirovibrio</i>	0,00272525 6	0,00095 8666	0,004993
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Variovorax</i>	3,30239E-06	0	0,240955
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Negativicutes</i>	<i>Selenomonadales</i>	<i>Veillonellaceae</i>	<i>Veillonella</i>	5,85568E-05	0,00015 7945	0,317468
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Vibrionales</i>	<i>Vibrionaceae</i>	<i>Vibrio</i>	0	3,06724 E-06	0,393769
<i>Bacteria</i>	<i>Lentisphaerae</i>	<i>Lentisphaeria</i>	<i>Victivallales</i>	<i>Victivallaceae</i>	<i>Victivallis</i>	3,63057E-05	1,06723 E-05	0,702752
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Neisseriales</i>	<i>Neisseriaceae</i>	<i>Vitreoscilla</i>	1,18128E-05	9,68338 E-06	0,876911
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Wautersiella</i>	8,36892E-06	4,15122 E-05	0,567043
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Weeksella</i>	3,65782E-05	0	0,240955
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Leuconostocaceae</i>	<i>Weissella</i>	0,00034403 7	3,37919 E-05	0,000637
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Nocardiaceae</i>	<i>Williamsia</i>	0	3,68426 E-06	0,215311
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Xanthomonadales</i>	<i>Xanthomonadaceae</i>	<i>Wohlfahrtiimonas</i>	0	0,00004 3726	0,215311
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Epsilonproteobacteria</i>	<i>Campylobacterales</i>	<i>Helicobacteraceae</i>	<i>Wolinella</i>	0	4,92014 E-06	0,11879
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Xanthomonadales</i>	<i>Xanthomonadaceae</i>	<i>Xanthomonas</i>	0	3,87335 E-06	0,393769
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Xenophilus</i>	1,84328E-06	4,16268 E-06	0,876911
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Prevotellaceae</i>	<i>Xylanibacter</i>	0	3,84431 E-05	0,003268
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micrococcaceae</i>	<i>Yaniella</i>	4,32537E-06	0	0,240955
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micrococcaceae</i>	<i>Zhihengliuella</i>	0	4,22886 E-07	0,393769

Additional file 2. Nasal microbiota composition of piglets from farms MT and MC before (1) and after one cycle (2) or 5 cycles (3) without antimicrobial treatment removal. Mean relative abundance of each phylum (A) or family (B) in percentage for each sampling group.



Additional file 3. Frequencies of OTUs assigned at genus level from farm MT at the third sampling (MT3).

Domain	Phylum	Class	Order	Family	Genus	Frequency
						MT3
Bacteria	Firmicutes	Bacilli	Lactobacillales	Aerococcaceae	Abiotrophia	4,60773E-06
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Micrococcaceae	Acaricomes	3,13176E-07
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Acetanaerobacterium	0,001912339
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Acetitomaculum	2,88336E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Acetivibrio	0,000189811
Bacteria	Firmicutes	Clostridia	Clostridiales	Peptostreptococcaceae	Acetoanaerobium	1,79506E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	Acetobacteraceae	Acetobacter	1,48E-05
Bacteria	Tenericutes	Mollicutes	Acholeplasmatales	Acholeplasmataceae	Acholeplasma	1,12397E-05
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Alcaligenaceae	Achromobacter	1,79147E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales_Incertae_Sedis_XII	Acidaminobacter	2,35088E-07
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Acidaminococcaceae	Acidaminococcus	0,000414379
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	Acetobacteraceae	Acidicaldus	0
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	Acetobacteraceae	Acidisoma	1,98061E-06
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Acidovorax	5,05201E-06
Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	Acinetobacter	0,003416526
Bacteria	Proteobacteria	Gammaproteobacteria	Pasteurellales	Pasteurellaceae	Actinobacillus	0,007520366
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Actinomycetaceae	Actinobaculum	1,61261E-06
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Actinomycetaceae	Actinomyces	8,55758E-05
Bacteria	Actinobacteria	Actinobacteria	Coriobacteriales	Coriobacteriaceae	Adlercreutzia	1,52868E-05
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Alcaligenaceae	Advenella	4,25639E-05
Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae_1	Aeribacillus	0
Bacteria	Firmicutes	Bacilli	Lactobacillales	Aerococcaceae	Aerococcus	0,000773383
Bacteria	Proteobacteria	Gammaproteobacteria	Aeromonadales	Aeromonadaceae	Aeromonas	5,67864E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Bradyrhizobiaceae	Afipia	0,000306336
Bacteria	Proteobacteria	Gammaproteobacteria	Pasteurellales	Pasteurellaceae	Aggregatibacter	7,28457E-06
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Microbacteriaceae	Agrococcus	1,70595E-06
Bacteria	Verrucomicrobia	Verrucomicrobiae	Verrucomicrobiales	Verrucomicrobiaceae	Akkermansia	0,003390606
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Albidiferax	5,93542E-07
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Alcaligenaceae	Alcaligenes	2,43695E-06
Bacteria	Proteobacteria	Gammaproteobacteria	Alteromonadales	Alteromonadaceae	Alishewanella	2,68109E-06

Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Rikenellaceae	Alistipes	0,012255597
Bacteria	Firmicutes	Clostridia	Clostridiales	Eubacteriaceae	Alkalibacter	2,7233E-06
Bacteria	Firmicutes	Bacilli	Lactobacillales	Carnobacteriaceae	Alkalibacterium	6,56134E-07
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Marinilabiaceae	Alkaliflexus	1,67955E-06
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Marinilabiliaceae	Alkalitalea	1,89479E-07
Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	Alkanindiges	1,84975E-05
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae	Allisonella	0,000190665
Bacteria	Firmicutes	Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	Allobaculum	1,7687E-07
Bacteria	Firmicutes	Bacilli	Lactobacillales	Carnobacteriaceae	Alloiococcus	0,000156445
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Prevotellaceae	Alloprevotella	0,008927882
Bacteria	Proteobacteria	Betaproteobacteria	Neisseriales	Neisseriaceae	Alysiella	6,56646E-05
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	Amaricoccus	0
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae	Anaeroarcus	1,323E-07
Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae 1	Anaerobacillus	9,45269E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiaceae 1	Anaerobacter	5,58108E-05
Bacteria	Proteobacteria	Gammaproteobacteria	Aeromonadales	Succinivibrionaceae	Anaerobiospirillum	4,88727E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales_Incertae_Sedis_XI	Anaerococcus	0,000172905
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Anaerofilum	3,71409E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Eubacteriaceae	Anaerofustis	1,17408E-05
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae	Anaeroglobus	7,90917E-07
Bacteria	Proteobacteria	Deltaproteobacteria	Myxococcales	Cystobacteraceae	Anaeromyxobacter	7,40719E-07
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Marinilabiaceae	Anaerophaga	0,0013806
Bacteria	Tenericutes	Mollicutes	Anaeroplasmatales	Anaeroplasmataceae	Anaeroplasma	0,001630199
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Bacteroidaceae	Anaerorhabdus	2,7063E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Incertae_Sedis_XI	Anaerosphaera	2,72629E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiaceae 1	Anaerosporobacter	0,000190474
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Anaerostipes	0,000956761
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Anaerotruncus	0,000396041
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae	Anaerovibrio	0,004301503
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales_Incertae_Sedis_XIII	Anaerovorax	0,000338933
Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae 1	Anoxybacillus	0
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Burkholderiales_incertae_sedis	Aquabacterium	2,9986E-06
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Actinomycetaceae	Arcanobacterium	0,000115601
Bacteria	Proteobacteria	Epsilonproteobacteria	Campylobacterales	Campylobacteraceae	Arcobacter	9,17971E-05
Bacteria	Armatimonadetes	Armatimonadetes_gp2	Armatimonadetes_gp2	Armatimonadetes_gp2	Armatimonadetes_gp2	1,26039E-06

<i>Bacteria</i>	<i>Armatimonadetes</i>	<i>Armatimonadetes_gp5</i>	<i>Armatimonadetes_gp5</i>	<i>Armatimonadetes_gp5</i>	<i>Armatimonadetes_gp5</i>	0
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Micrococcaceae</i>	<i>Arthrobacter</i>	3,19573E-05
<i>Bacteria</i>	<i>Tenericutes</i>	<i>Mollicutes</i>	<i>Anaeroplasmatales</i>	<i>Anaeroplasmataceae</i>	<i>Asteroleplasma</i>	0,000520291
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Caulobacterales</i>	<i>Caulobacteraceae</i>	<i>Asticcacaulis</i>	3,14512E-07
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Atopobacter</i>	9,45558E-06
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Coriobacteriales</i>	<i>Coriobacteriaceae</i>	<i>Atopobium</i>	2,42482E-06
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Carnobacteriaceae</i>	<i>Atopostipes</i>	1,71092E-05
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Aurantimonadaceae</i>	<i>Aurantimonas</i>	0
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Rhodocyclales</i>	<i>Rhodocyclaceae</i>	<i>Azoarcus</i>	1,43961E-06
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Pseudomonadaceae</i>	<i>Azomonas</i>	4,69764E-07
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pseudomonadales</i>	<i>Pseudomonadaceae</i>	<i>Azotobacter</i>	1,32081E-06
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Bacillaceae 1</i>	<i>Bacillus</i>	7,11495E-05
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Bacteroidaceae</i>	<i>Bacteroides</i>	0,091638302
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Bacteroidia</i>	<i>Bacteroidales</i>	<i>Porphyromonadaceae</i>	<i>Barnesiella</i>	0,013380466
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pasteurellales</i>	<i>Pasteurellaceae</i>	<i>Basfia</i>	1,00793E-06
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Lactobacillales</i>	<i>Enterococcaceae</i>	<i>Bavariicoccus</i>	1,92163E-06
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Neisseriales</i>	<i>Neisseriaceae</i>	<i>Bergeriella</i>	3,3117E-05
<i>Bacteria</i>	<i>Bacteroidetes</i>	<i>Flavobacteriia</i>	<i>Flavobacteriales</i>	<i>Flavobacteriaceae</i>	<i>Bergeyella</i>	0,10815999
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Pasteurellales</i>	<i>Pasteurellaceae</i>	<i>Bibersteinia</i>	1,7234E-05
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Bifidobacteriales</i>	<i>Bifidobacteriaceae</i>	<i>Bifidobacterium</i>	0,001571031
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Desulfovibrionales</i>	<i>Desulfovibrionaceae</i>	<i>Bilophila</i>	0,000874161
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Geodermatophilaceae</i>	<i>Blastococcus</i>	6,09754E-07
<i>Bacteria</i>	<i>Planctomycetes</i>	<i>Planctomycetia</i>	<i>Planctomycetales</i>	<i>Planctomycetaceae</i>	<i>Blastopirellula</i>	4,11959E-07
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Clostridia</i>	<i>Clostridiales</i>	<i>Lachnospiraceae</i>	<i>Blautia</i>	0,006550138
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Alcaligenaceae</i>	<i>Bordetella</i>	0,002945991
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Bradyrhizobiaceae</i>	<i>Bosea</i>	0,000345679
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Dermabacteraceae</i>	<i>Brachybacterium</i>	0,000108336
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Betaproteobacteria</i>	<i>Burkholderiales</i>	<i>Comamonadaceae</i>	<i>Brachymonas</i>	1,48864E-05
<i>Bacteria</i>	<i>Spirochaetes</i>	<i>Spirochaetia</i>	<i>Spirochaetales</i>	<i>Brachyspiraceae</i>	<i>Brachyspira</i>	1,09058E-06
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Bradyrhizobiaceae</i>	<i>Bradyrhizobium</i>	5,91287E-06
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Brevibacteriaceae</i>	<i>Brevibacterium</i>	3,494E-05
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Caulobacterales</i>	<i>Caulobacteraceae</i>	<i>Brevundimonas</i>	5,3949E-06
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Bacilli</i>	<i>Bacillales</i>	<i>Listeriaceae</i>	<i>Brochothrix</i>	2,17603E-07
<i>Bacteria</i>	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>Actinomycetales</i>	<i>Propionibacteriaceae</i>	<i>Brooklawnia</i>	1,2883E-06
<i>Bacteria</i>	<i>Proteobacteria</i>	<i>Alphaproteobacteria</i>	<i>Rhizobiales</i>	<i>Brucellaceae</i>	<i>Brucella</i>	2,14558E-06
<i>Bacteria</i>	<i>Firmicutes</i>	<i>Erysipelotrichia</i>	<i>Erysipelotrichales</i>	<i>Erysipelotrichaceae</i>	<i>Bulleidia</i>	0,000855421

Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Burkholderiaceae	Burkholderia	3,84812E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Butyricoccus	0,00227967
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Butyricimonas	0,002113362
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Butyrivibrio	0,000225843
Bacteria	Proteobacteria	Gammaproteobacteria	Thiotrichales	Thiotrichales_incertae_sedis	Caedibacter	4,02463E-06
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Caenimonas	6,9994E-07
Bacteria	Proteobacteria	Epsilonproteobacteria	Campylobacterales	Campylobacteraceae	Campylobacter	0,007670846
Bacteria	Proteobacteria	Gammaproteobacteria	Candidatus Carsonella	Candidatus Carsonella	Candidatus Carsonella	2,93539E-06
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Alcaligenaceae	Candidimonas	1,04981E-06
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Capnocytophaga	3,10885E-05
Bacteria	Firmicutes	Bacilli	Lactobacillales	Carnobacteriaceae	Carnobacterium	2,47235E-06
Bacteria	Firmicutes	Bacilli	Bacillales	Planococcaceae	Caryophanon	3,39E-05
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Alcaligenaceae	Castellaniella	2,42521E-06
Bacteria	Firmicutes	Bacilli	Lactobacillales	Carnobacteriaceae	Catelicoccus	8,24771E-07
Bacteria	Firmicutes	Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	Catenibacterium	0,001230274
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Catonella	1,43478E-05
Bacteria	Proteobacteria	Alphaproteobacteria	Caulobacterales	Caulobacteraceae	Caulobacter	0,000126173
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Cellulomonadaceae	Cellulomonas	0
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Cellulosibacter	4,39115E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Cellulosilyticum	4,68211E-05
Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Pseudomonadaceae	Cellvibrio	0
Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae 2	Cerasibacillus	0
Bacteria	Verrucomicrobia	Opiritae	Puniceicoccales	Puniceicoccaceae	Cericoccus	6,61427E-07
Bacteria	Fusobacteria	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Cetobacterium	2,62431E-05
Bacteria	Chlamydiae	Chlamydiia	Chlamydiales	Chlamydiaceae	Chlamydia	1,83717E-06
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Chryseobacterium	7,02161E-05
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	Citreicella	6,28368E-06
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	Citrobacter	0,000143868
Bacteria	Synergistetes	Synergistia	Synergistales	Synergistaceae	Cloacibacillus	0,000125557
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Cloacibacterium	5,22489E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Clostridium III	9,21999E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Clostridium IV	0,010333309
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiaceae 1	Clostridium sensu stricto	0,005141397
Bacteria	Firmicutes	Clostridia	Clostridiales	Peptostreptococcaceae	Clostridium XI	0,00506553
Bacteria	Fusobacteria	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Clostridium XIX	5,20751E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Clostridium XIVa	0,015633901

Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Clostridium XIVb	0,001181484
Bacteria	Firmicutes	Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	Clostridium XVIII	0,000553577
Bacteria	Actinobacteria	Actinobacteria	Coriobacteriales	Coriobacteriaceae	Collinsella	0,000312929
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Comamonas	4,89991E-05
Bacteria	Proteobacteria	Betaproteobacteria	Neisseriales	Neisseriaceae	Conchiformibius	0
Bacteria	Firmicutes	Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	Coprobacillus	1,45474E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Coprococcus	0,004920077
Bacteria	Verrucomicrobia	Opitutae	Puniceococcales	Puniceococcaceae	Coraliomargarita	0,000236865
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Corynebacteriaceae	Corynebacterium	0,001642366
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Cruoricaptor	4,81073E-07
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Burkholderiaceae	Cupriavidus	1,11255E-06
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Microbacteriaceae	Curtobacterium	1,19968E-07
Bacteria	Proteobacteria	Betaproteobacteria	Rhodocyclales	Rhodocyclaceae	Dechloromonas	1,23617E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Defluviitaleaceae	Defluviitalea	8,52982E-05
Bacteria	Deinococcus-Thermus	Deinococci	Deinococcales	Deinococcaceae	Deinococcus	4,31884E-06
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Delftia	0,000286813
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Dermacoccaceae	Dermacoccus	0
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Dermatophilaceae	Dermatophilus	4,83659E-05
Bacteria	Firmicutes	Bacilli	Lactobacillales	Carnobacteriaceae	Desemzia	3,70359E-07
Bacteria	Proteobacteria	Deltaproteobacteria	Desulfobacterales	Desulfobulbaceae	Desulfobulbus	8,39774E-07
Bacteria	Proteobacteria	Deltaproteobacteria	Desulfovibrionales	Desulfovibrionaceae	Desulfomicrobium	6,72665E-05
Bacteria	Proteobacteria	Deltaproteobacteria	Desulfovibrionales	Desulfovibrionaceae	Desulfovibrio	0,001785476
Bacteria	Firmicutes	Clostridia	Clostridiales	Incertae Sedis XI	Dethiosulfatibacter	4,04511E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Hyphomicrobiaceae	Devosia	3,59903E-07
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae	Dialister	0,001522556
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Diaphorobacter	6,33461E-06
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Dietziaceae	Dietzia	3,00726E-06
Bacteria	Firmicutes	Bacilli	Lactobacillales	Carnobacteriaceae	Dolosigranulum	5,40318E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	Rhodospirillaceae	Dongia	0
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Dorea	0,002451896
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Dysgonomonas	3,41667E-05
Bacteria	Actinobacteria	Actinobacteria	Coriobacteriales	Coriobacteriaceae	Eggerthella	3,36848E-05
Bacteria	Firmicutes	Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	Eggerthia	6,55405E-06
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Elizabethkingia	0,0005774
Bacteria	Elusimicrobia	Elusimicrobia	Elusimicrobiales	Elusimicrobiaceae	Elusimicrobium	8,38865E-05
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Empedobacter	1,12076E-05

Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	Enhydrobacter	4,63058E-05
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	Enterobacter	2,06858E-05
Bacteria	Firmicutes	Bacilli	Lactobacillales	Enterococcaceae	Enterococcus	0,00014701
Bacteria	Actinobacteria	Actinobacteria	Coriobacteriales	Coriobacteriaceae	Enterorhabdus	1,50689E-05
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	Erwinia	1,1238E-07
Bacteria	Firmicutes	Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	Erysipelothrix	9,34488E-05
Bacteria	Firmicutes	Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	Erysipelotrichaceae_i ncertae_sedis	0,001427226
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	Escherichia/Shigella	0,007289037
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Ethanoligenens	4,19046E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Eubacteriaceae	Eubacterium	0,003183625
Bacteria	Firmicutes	Bacilli	Bacillales	Bacillales_Incertae_Sedis_XII	Exiguobacterium	2,49174E-06
Bacteria	Firmicutes	Bacilli	Lactobacillales	Aerococcaceae	Facklamia	0,000196841
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Faecalibacterium	0,023073249
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Fastidiosipila	4,81443E-05
Bacteria	Fibrobacteres	Fibrobacteria	Fibrobacterales	Fibrobacteraceae	Fibrobacter	0,000532675
Bacteria	Firmicutes	Clostridia	Clostridiales	Peptostreptococcaceae	Filifactor	1,86241E-05
Bacteria	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Chitinophagaceae	Filimonas	3,38328E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales_Incertae_Sedis_XI	Finegoldia	4,33199E-06
Bacteria	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Chitinophagaceae	Flaviumibacter	0
Bacteria	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Chitinophagaceae	Flavitalea	3,54901E-07
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	2,88235E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Flavonifactor	0,003223957
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Propionibacteriaceae	Friedmanniella	2,45463E-06
Bacteria	Fusobacteria	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Fusobacterium	0,000942762
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales_Incertae_Sedis_XI	Gallicola	3,24427E-05
Bacteria	Actinobacteria	Actinobacteria	Bifidobacteriales	Bifidobacteriaceae	Gardnerella	2,36455E-07
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Gelidibacter	5,99838E-07
Bacteria	Firmicutes	Bacilli	Bacillales	Bacillales_Incertae_Sedis_XI	Gemella	6,27032E-05
Bacteria	Planctomycetes	Planctomycetia	Planctomycetales	Planctomycetaceae	Gemmata	0
Bacteria	Gemmatimonadetes	Gemmatimonadetes	Gemmatimonadales	Gemmatimonadaceae	Gemmatimonas	0
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Gemmiger	0,007849898
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Bogoriellaceae	Georgenia	1,16665E-07
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Gillisia	1,89479E-07
Bacteria	Firmicutes	Bacilli	Lactobacillales	Aerococcaceae	Globicatella	0,000714656
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Glycomycetaceae	Glycomyces	0
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Nocardiaceae	Gordonia	0

Bacteria	Actinobacteria	Actinobacteria	Coriobacteriales	Coriobacteriaceae	Gordonibacter	9,85107E-06
Bacteria	Acidobacteria	Acidobacteria_Gp16	Gp16	Gp16	Gp16	0
Bacteria	Acidobacteria	Acidobacteria_Gp6	Gp6	Gp6	Gp6	0
Bacteria	Cyanobacteria/Chloroplast	Cyanobacteria	Family I	Family I	GpI	0
Bacteria	Firmicutes	Bacilli	Lactobacillales	Carnobacteriaceae	Granulicatella	1,88497E-05
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Propionibacteriaceae	Granulicoccus	1,19968E-07
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales_Incertae Sedis XII	Guggenheimella	1,67241E-05
Bacteria	Proteobacteria	Gammaproteobacteria	Pasteurellales	Pasteurellaceae	Haemophilus	0,053232799
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	Hafnia	1,62125E-06
Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae 2	Halalkalibacillus	1,24711E-07
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Prevotellaceae	Hallella	0,001057204
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Ruaniaceae	Haloactinobacterium	1,55958E-06
Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae 2	Halolactibacillus	1,2439E-06
Bacteria	Proteobacteria	Gammaproteobacteria	Oceanospirillales	Halomonadaceae	Halomonas	2,33577E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Methylocystaceae	Hansschlegelia	1,08033E-06
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Dermabacteraceae	Helcobacillus	7,80277E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales_Incertae Sedis XI	Helcococcus	0,000709202
Bacteria	Proteobacteria	Epsilonproteobacteria	Campylobacteriales	Helicobacteraceae	Helicobacter	7,74393E-05
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Oxalobacteraceae	Herbaspirillum	4,11664E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Hespellia	7,68593E-05
Bacteria	Firmicutes	Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	Holdemania	0,001337175
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Howardella	7,35148E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Hydrogenoanaerobacterium	0,000118846
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Hydrogenophaga	0
Bacteria	Proteobacteria	Betaproteobacteria	Hydrogenophilales	Hydrogenophilaceae	Hydrogenophilus	0
Bacteria	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Chitinophagaceae	Hydrotalea	0
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Hyphomicrobiaceae	Hyphomicrobium	4,09542E-06
Bacteria	Actinobacteria	Actinobacteria	Acidimicrobiales	Acidimicrobiaceae	Ilumatobacter	9,35263E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	Rhodospirillaceae	Insolitispirillum	0,00026321
Bacteria	Firmicutes	Bacilli	Lactobacillales	Carnobacteriaceae	Isobaculum	1,12596E-06
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Promicromonosporaceae	Isoptericola	8,97283E-07
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Intrasporangiaceae	Janibacter	4,97233E-06
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Oxalobacteraceae	Janthinobacterium	3,71708E-06
Bacteria	Firmicutes	Bacilli	Bacillales	Staphylococcaceae	Jeotgalicoccus	0,000156282
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Jiangellaceae	Jiangella	5,91138E-07

Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Jonesiaceae	Jonesia	0
Bacteria	Firmicutes	Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	Kandleria	2,3531E-06
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Alcaligenaceae	Kerstesia	1,9308E-05
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	Ketogulonicigenium	2,646E-07
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Kineosporiaceae	Kineococcus	1,87411E-06
Bacteria	Proteobacteria	Betaproteobacteria	Neisseriales	Neisseriaceae	Kingella	0,002972686
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	Klebsiella	0,00010271
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Micrococcaceae	Kocuria	1,53988E-05
Bacteria	Firmicutes	Bacilli	Bacillales	Planococcaceae	Kurthia	0,000144274
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Dermacoccaceae	Kytococcus	2,646E-07
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Xanthobacteraceae	Labrys	9,89237E-07
Bacteria	Firmicutes	Bacilli	Bacillales	Thermoactinomycetaceae 1	Laceyella	2,49423E-07
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Lachnoanaerobaculum	2,85902E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Lachnobacterium	5,00404E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Lachnospira	0,000756793
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Lachnospiraceae_incertae_sedis	0,01503688
Bacteria	Firmicutes	Bacilli	Lactobacillales	Carnobacteriaceae	Lacticigenium	0
Bacteria	Firmicutes	Bacilli	Lactobacillales	Lactobacillaceae	Lactobacillus	0,024329282
Bacteria	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Lactococcus	0,004350049
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Lactonifactor	2,49859E-05
Bacteria	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Lactovum	1,7824E-05
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Lampropedia	1,7687E-07
Bacteria	Proteobacteria	Deltaproteobacteria	Desulfovibrionales	Desulfovibrionaceae	Lawsonia	7,24624E-07
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	Leclercia	4,39324E-07
Bacteria	Fusobacteria	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Leptotrichia	3,65818E-05
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Microbacteriaceae	Leucobacter	5,50676E-06
Bacteria	Firmicutes	Bacilli	Lactobacillales	Leuconostocaceae	Leuconostoc	0,000449669
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Limnohabitans	5,58802E-06
Bacteria	Proteobacteria	Gammaproteobacteria	Pasteurellales	Pasteurellaceae	Lonepinella	1,7687E-07
Bacteria	Chloroflexi	Anaerolineae	Anaerolineales	Anaerolineaceae	Longilinea	3,06095E-06
Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Luteimonas	1,76683E-06
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Propionibacteriaceae	Luteococcus	2,85361E-05
Bacteria	Verrucomicrobia	Verrucomicrobiae	Verrucomicrobiales	Verrucomicrobiaceae	Luteolibacter	2,35088E-07
Bacteria	Firmicutes	Clostridia	Clostridiales	Gracilibacteraceae	Lutispora	4,28421E-06
Bacteria	Firmicutes	Bacilli	Bacillales	Planococcaceae	Lysinibacillus	1,00623E-05

Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Lysobacter	0
Bacteria	Firmicutes	Bacilli	Bacillales	Staphylococcaceae	Macrococcus	0
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Marinilabiliaceae	Mangroviflexus	1,12455E-06
Bacteria	Proteobacteria	Gammaproteobacteria	Pasteurellales	Pasteurellaceae	Mannheimia	0,002377512
Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae 2	Marinococcus	4,06803E-06
Bacteria	Proteobacteria	Gammaproteobacteria	Oceanospirillales	Oceanospirillaceae	Marinospirillum	3,75147E-06
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Nocardiodaceae	Marmoricola	1,87906E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Marvinbryantia	5,87408E-05
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Oxalobacteraceae	Massilia	1,68336E-06
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae	Megamonas	4,75534E-06
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae	Megasphaera	0,009434278
Bacteria	Firmicutes	Bacilli	Lactobacillales	Enterococcaceae	Melissococcus	5,42692E-07
Bacteria	Bacteroidetes	Cytophagia	Cytophagales	Cytophagaceae	Meniscus	1,89479E-07
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Phyllobacteriaceae	Mesorhizobium	4,1436E-05
Bacteria	Actinobacteria	Actinobacteria	Bifidobacteriales	Bifidobacteriaceae	Metascardovia	1,94292E-06
Archaea	Euryarchaeota	Methanobacteria	Methanobacteriales	Methanobacteriaceae	Methanobrevibacter	0,000444732
Archaea	Euryarchaeota	Methanomicrobia	Methanosarcinales	Methanosacetaceae	Methanosaeta	6,62075E-06
Archaea	Euryarchaeota	Methanobacteria	Methanobacteriales	Methanobacteriaceae	Methanosphaera	1,97847E-07
Bacteria	Proteobacteria	Betaproteobacteria	Methylophilales	Methylophilaceae	Methylobacillus	0
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Methylobacteriaceae	Methylobacterium	4,52735E-06
Bacteria	Proteobacteria	Betaproteobacteria	Methylophilales	Methylophilaceae	Methylophilus	1,79807E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Hyphomicrobiaceae	Methylorhhabdus	2,24759E-07
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Microbacteriaceae	Microbacterium	2,72856E-05
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Nocardiaceae	Millisia	2,23517E-06
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae	Mitsuokella	0,000951785
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales_Incertae_Sedis_XIII	Mogibacterium	2,56272E-05
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Moheibacter	1,19338E-06
Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	Moraxella	0,110592342
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Moryella	5,63116E-06
Bacteria	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Sphingobacteriaceae	Mucilagibacter	1,31085E-05
Bacteria	Deferribacteres	Deferribacteres	Deferribacterales	Deferribacteraceae	Mucispillum	0,000461103
Bacteria	Firmicutes	Clostridia	Clostridiales	Incertae_Sedis_XI	Murdochiella	3,55098E-05
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Mycobacteriaceae	Mycobacterium	3,96592E-06
Bacteria	Tenericutes	Mollicutes	Mycoplasmatales	Mycoplasmataceae	Mycoplasma	0,002820879
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Myroides	1,02751E-05

Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Nakamurellaceae	Nakamurella	3,60111E-07
Bacteria	Firmicutes	Clostridia	Clostridiales	Natranaerovirga	Natranaerovirga	3,53741E-07
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Oxalobacteraceae	Naxibacter	9,80466E-06
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae	Negativicoccus	1,97847E-07
Bacteria	Proteobacteria	Betaproteobacteria	Neisseriales	Neisseriaceae	Neisseria	0,019075648
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Micrococcaceae	Nesterenkonia	2,26228E-06
Bacteria	Proteobacteria	Gammaproteobacteria	Pasteurellales	Pasteurellaceae	Nicoletella	1,21261E-07
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Bradyrhizobiaceae	Nitrobacter	0
Bacteria	Proteobacteria	Betaproteobacteria	Nitrosomonadales	Nitrosomonadaceae	Nitrospira	6,73329E-06
Bacteria	Nitrospirae	Nitrospira	Nitrospirales	Nitrospiraceae	Nitrospira	1,32192E-05
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Nocardiodaceae	Nocardioides	7,57051E-07
Bacteria	Firmicutes	Bacilli	Bacillales	Staphylococcaceae	Nosocomiicoccus	3,96584E-05
Bacteria	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Novosphingobium	2,6411E-06
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	Obesumbacterium	1,24711E-07
Bacteria	Proteobacteria	Gammaproteobacteria	Aeromonadales	Aeromonadaceae	Oceanimonas	5,99838E-07
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Brucellaceae	Ochrobactrum	0,000312879
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Odoribacter	0,001958987
Bacteria	Bacteroidetes	Bacteroidetes" incertae sedis	Ohtaekwangia	Ohtaekwangia	Ohtaekwangia	8,79912E-06
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Microbacteriaceae	Okibacterium	2,39488E-07
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Alcaligenaceae	Oligella	1,04981E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Bradyrhizobiaceae	Oligotropha	3,566E-07
Bacteria	Actinobacteria	Actinobacteria	Coriobacteriales	Coriobacteriaceae	Olsenella	8,82376E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Oribacterium	0,000597924
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Intrasporangiaceae	Ornithinimicrobium	1,19338E-06
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Ornithobacterium	4,01987E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Oscillibacter	0,012080478
Bacteria	Proteobacteria	Gammaproteobacteria	Pasteurellales	Pasteurellaceae	Otariodibacter	6,36614E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Other	0,023462414
Bacteria	Firmicutes	Clostridia	Clostridiales	Other	Other	0,018992915
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Other	0,017179887
Bacteria	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Chitinophagaceae	Other	0,003471067
Bacteria	Other	Other	Other	Other	Other	0,002708857
Bacteria	Firmicutes	Other	Other	Other	Other	0,00464866
Bacteria	Firmicutes	Bacilli	Lactobacillales	Enterococcaceae	Other	0,004106198
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae	Other	0,003875496
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Other	0,003699053

Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Prevotellaceae	Other	0,003111369
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Other	Other	0,002745992
Bacteria	Bacteroidetes	Other	Other	Other	Other	0,002741505
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Other	0,002209802
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	Rhodospirillaceae	Other	0,002071601
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	Other	Other	0,001568236
Bacteria	Proteobacteria	Gammaproteobacteria	Pasteurellales	Pasteurellaceae	Other	0,001494329
Bacteria	Firmicutes	Bacilli	Lactobacillales	Aerococcaceae	Other	0,001462921
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Other	Other	0,000892288
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales_Incertae Sedis XIII	Other	0,000815668
Bacteria	Firmicutes	Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	Other	0,00067816
Bacteria	Proteobacteria	Deltaproteobacteria	Desulfovibrionales	Desulfovibrionaceae	Other	0,000595466
Unclassified	Other	Other	Other	Other	Other	0,000592333
Bacteria	Proteobacteria	Deltaproteobacteria	Other	Other	Other	0,000555976
Bacteria	Planctomycetes	Planctomycetia	Planctomycetales	Planctomycetaceae	Other	0,000512148
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Other	Other	0,000434328
Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae 1	Other	0,000323123
Bacteria	Proteobacteria	Betaproteobacteria	Neisseriales	Neisseriaceae	Other	0,000299643
Bacteria	Actinobacteria	Actinobacteria	Coriobacteriales	Coriobacteriaceae	Other	0,000294396
Bacteria	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Sphingobacteriaceae	Other	0,000255323
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Sutterellaceae	Other	0,000251773
Bacteria	Firmicutes	Bacilli	Lactobacillales	Other	Other	0,000232647
Bacteria	Proteobacteria	Alphaproteobacteria	Other	Other	Other	0,000204901
Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	Other	0,000203811
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	Other	0,000198581
Bacteria	Proteobacteria	Gammaproteobacteria	Other	Other	Other	0,000188608
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Other	Other	0,000171436
Bacteria	Firmicutes	Bacilli	Lactobacillales	Carnobacteriaceae	Other	0,000140604
Bacteria	Proteobacteria	Other	Other	Other	Other	0,000109903
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales_Incertae Sedis XI	Other	0,000106459
Bacteria	Verrucomicrobia	Opitutae	Puniceococcales	Puniceococcaceae	Other	8,14409E-05
Bacteria	Proteobacteria	Betaproteobacteria	Other	Other	Other	7,96636E-05
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Acidaminococcaceae	Other	7,61761E-05
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Marinilabiaceae	Other	6,92969E-05
Bacteria	Fusobacteria	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Other	6,53654E-05
Bacteria	Firmicutes	Clostridia	Other	Other	Other	6,3211E-05

Bacteria	Actinobacteria	Actinobacteria	Bifidobacteriales	Bifidobacteriaceae	Other	5,91148E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Peptococcaceae 1	Other	5,81455E-05
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Other	Other	5,69042E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiaceae 1	Other	5,40275E-05
Bacteria	Lentisphaerae	Other	Other	Other	Other	5,1341E-05
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Other	Other	4,98868E-05
Bacteria	Spirochaetes	Spirochaetia	Spirochaetales	Spirochaetaceae	Other	4,76015E-05
Bacteria	Firmicutes	Bacilli	Lactobacillales	Lactobacillaceae	Other	4,24476E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Incertae Sedis XI	Other	4,13367E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Gracilbacteraceae	Other	3,7104E-05
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Rikenellaceae	Other	3,312E-05
Bacteria	Firmicutes	Bacilli	Other	Other	Other	3,25271E-05
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Other	2,51143E-05
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Alcaligenaceae	Other	2,33602E-05
Bacteria	Proteobacteria	Epsilonproteobacteria	Campylobacteriales	Other	Other	2,08777E-05
Bacteria	Firmicutes	Bacilli	Bacillales	Other	Other	1,7717E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Peptostreptococcaceae	Other	1,63231E-05
Archaea	Other	Other	Other	Other	Other	1,34014E-05
Bacteria	Proteobacteria	Deltaproteobacteria	Desulfovibrionales	Other	Other	1,20657E-05
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Microbacteriaceae	Other	1,14066E-05
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Propionibacteriaceae	Other	1,12707E-05
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Micrococcaceae	Other	1,02283E-05
Bacteria	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Other	1,00232E-05
Bacteria	Fusobacteria	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Other	9,25737E-06
Bacteria	Spirochaetes	Spirochaetia	Spirochaetales	Other	Other	9,22536E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Brucellaceae	Other	7,81617E-06
Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Other	Other	5,2227E-06
Bacteria	Proteobacteria	Betaproteobacteria	Nitrosomonadales	Nitrosomonadaceae	Other	5,11784E-06
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Corynebacteriaceae	Other	4,30003E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Other	Other	3,719E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Phyllobacteriaceae	Other	3,61352E-06
Bacteria	Actinobacteria	Actinobacteria	Other	Other	Other	3,52248E-06
Bacteria	Proteobacteria	Epsilonproteobacteria	Other	Other	Other	3,38783E-06
Archaea	Euryarchaeota	Other	Other	Other	Other	3,35107E-06
Archaea	Crenarchaeota	Thermoprotei	Other	Other	Other	2,30538E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Eubacteriaceae	Other	2,27745E-06

Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Bradyrhizobiaceae	Other	1,95552E-06
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Intrasporangiaceae	Other	1,90042E-06
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Burkholderiales_incertae_sedis	Other	1,89958E-06
Bacteria	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Other	Other	1,77002E-06
Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae 2	Other	1,69856E-06
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Oxalobacteraceae	Other	1,60405E-06
Bacteria	Synergistetes	Synergistia	Synergistales	Synergistaceae	Other	1,42899E-06
Bacteria	Firmicutes	Bacilli	Bacillales	Staphylococcaceae	Other	1,279E-06
Bacteria	Proteobacteria	Gammaproteobacteria	Aeromonadales	Succinivibrionaceae	Other	1,27563E-06
Bacteria	Cyanobacteria/Chloroplast	Chloroplast	Chloroplast	Chloroplast	Other	1,18357E-06
Bacteria	Tenericutes	Mollicutes	Other	Other	Other	1,17544E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Other	1,1747E-06
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Nocardiodiaceae	Other	1,16906E-06
Bacteria	Bacteroidetes	Cytophagia	Cytophagales	Other	Other	1,05901E-06
Bacteria	Proteobacteria	Betaproteobacteria	Methylophilales	Methylophilaceae	Other	9,261E-07
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Dermacoccaceae	Other	9,15442E-07
Bacteria	Firmicutes	Bacilli	Bacillales	Planococcaceae	Other	7,65635E-07
Bacteria	Proteobacteria	Betaproteobacteria	Rhodocyclales	Rhodocyclaceae	Other	7,18066E-07
Bacteria	Verrucomicrobia	Verrucomicrobiae	Verrucomicrobiales	Verrucomicrobiaceae	Other	7,07852E-07
Bacteria	Proteobacteria	Deltaproteobacteria	Desulfovibrionales	Desulfohalobiaceae	Other	7,07481E-07
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	Other	7,03883E-07
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Dermatophilaceae	Other	5,99838E-07
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Hyphomicrobiaceae	Other	5,91786E-07
Bacteria	Actinobacteria	Actinobacteria	Acidimicrobiales	Other	Other	4,79871E-07
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Dermabacteraceae	Other	4,25115E-07
Bacteria	Verrucomicrobia	Other	Other	Other	Other	4,24568E-07
Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Pseudomonadaceae	Other	3,8616E-07
Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Other	2,39935E-07
Bacteria	Bacteroidetes	Cytophagia	Cytophagales	Cytophagaceae	Other	2,35088E-07
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Actinomycetaceae	Other	2,24759E-07
Bacteria	Chloroflexi	Other	Other	Other	Other	2,23591E-07
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Nocardiaceae	Other	2,23591E-07
Bacteria	Proteobacteria	Epsilonproteobacteria	Campylobacteriales	Helicobacteraceae	Other	1,7687E-07
Bacteria	Proteobacteria	Gammaproteobacteria	Aeromonadales	Aeromonadaceae	Other	1,7687E-07
Bacteria	Proteobacteria	Gammaproteobacteria	Aeromonadales	Other	Other	1,7687E-07
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Promicromonosporaceae	Other	1,323E-07

Bacteria	Proteobacteria	Alphaproteobacteria	Caulobacterales	Other	Other	1,21261E-07
Bacteria	Proteobacteria	Gammaproteobacteria	Chromatiales	Other	Other	1,21261E-07
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	Acetobacteraceae	Other	1,19968E-07
Bacteria	Firmicutes	Bacilli	Lactobacillales	Leuconostocaceae	Other	1,16665E-07
Bacteria	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Erythrobacteraceae	Other	0
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Kineosporiaceae	Other	0
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Geodermatophilaceae	Other	0
Bacteria	Proteobacteria	Deltaproteobacteria	Myxococcales	Polyangiaceae	Other	0
Bacteria	Proteobacteria	Alphaproteobacteria	Caulobacterales	Caulobacteraceae	Other	0
Bacteria	Proteobacteria	Gammaproteobacteria	Vibrionales	Vibrionaceae	Other	0
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Oxalobacteraceae	Oxalicibacterium	3,35386E-06
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Oxalobacteraceae	Oxalobacter	0,000100905
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Alcaligenaceae	Paenalcaligenes	7,35898E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Brucellaceae	Paenochrobactrum	7,9139E-07
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Paludibacter	0,000503084
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	Pantoea	2,94886E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Papillibacter	0,000167083
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Parabacteroides	0,008610952
Bacteria	Chlamydiae	Chlamydia	Chlamydiales	Parachlamydiaceae	Parachlamydia	1,91045E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	Paracoccus	3,98496E-05
Bacteria	Actinobacteria	Actinobacteria	Coriobacteriales	Coriobacteriaceae	Paraeggerthella	3,42997E-05
Bacteria	Firmicutes	Bacilli	Lactobacillales	Lactobacillaceae	Paralactobacillus	2,53891E-05
Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	Paraperlucidibaca	1,80056E-07
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Prevotellaceae	Paraprevotella	0,006097732
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Alcaligenaceae	Parapusillimonas	2,93513E-07
Bacteria	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Chitinophagaceae	Parasegetibacter	1,16665E-07
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Parasporobacterium	1,96708E-05
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Sutterellaceae	Parasutterella	0,002389247
Bacteria	Parcubacteria	Parcubacteria_genera_incertae_sedis	Parcubacteria_genera_incertae_sedis	Parcubacteria_genera_incertae_sedis	Parcubacteria_genera_incertae_sedis	2,95893E-07
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales_Incertae_Sedis_XI	Parvimonas	4,37167E-05
Bacteria	Proteobacteria	Gammaproteobacteria	Pasteurellales	Pasteurellaceae	Pasteurella	8,22216E-05
Bacteria	Firmicutes	Bacilli	Lactobacillales	Lactobacillaceae	Pediococcus	3,05774E-06
Bacteria	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Sphingobacteriaceae	Pedobacter	1,8518E-07
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Hyphomicrobiaceae	Pedomicrobium	0
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Hyphomicrobiaceae	Pelagibacterium	1,31964E-06
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Pelomonas	4,32704E-06

Bacteria	Firmicutes	Clostridia	Clostridiales	Syntrophomonadaceae	Pelospora	1,00079E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Peptococcaceae 1	Peptococcus	0,000245346
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales_Incertae Sedis XI	Peptoniphilus	6,47157E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Peptostreptococcaceae	Peptostreptococcaceae_incertae_sedis	7,30179E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Peptostreptococcaceae	Peptostreptococcus	9,75244E-05
Bacteria	Proteobacteria	Deltaproteobacteria	Bdellovibrionales	Bacteriovoracaceae	Peredibacter	4,71531E-06
Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	Perlucidibaca	2,75926E-06
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Petrimonas	2,86517E-05
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Acidaminococcaceae	Phascolarctobacterium	0,016452076
Bacteria	Proteobacteria	Deltaproteobacteria	Myxococcales	Phaselicytidaceae	Phaselicystis	0
Bacteria	Proteobacteria	Alphaproteobacteria	Caulobacterales	Caulobacteraceae	Phenyllobacterium	4,36629E-06
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Intrasporangiaceae	Phycoccus	3,54683E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Phyllobacteriaceae	Phyllobacterium	2,38124E-05
Bacteria	Firmicutes	Bacilli	Lactobacillales	Enterococcaceae	Pilibacter	4,13481E-07
Bacteria	Planctomycetes	Planctomycetia	Planctomycetales	Planctomycetaceae	Pirellula	8,72979E-07
Bacteria	Planctomycetes	Planctomycetia	Planctomycetales	Planctomycetaceae	Planctomyces	2,5137E-06
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Planobacterium	0,000741298
Bacteria	Firmicutes	Bacilli	Bacillales	Planococcaceae	Planococcaceae_incertae_sedis	3,28929E-05
Bacteria	Firmicutes	Bacilli	Bacillales	Planococcaceae	Planococcus	2,03565E-06
Bacteria	Firmicutes	Bacilli	Bacillales	Planococcaceae	Planomicrobium	3,34716E-06
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Burkholderiaceae	Polynucleobacter	9,6826E-07
Bacteria	Bacteroidetes	Cytophagia	Cytophagales	Cytophagaceae	Pontibacter	9,33319E-07
Bacteria	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Erythrobacteraceae	Porphyrobacter	0
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Porphyromonas	0,00022231
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Prevotellaceae	Prevotella	0,082812046
Bacteria	Bacteroidetes	Bacteroidetes_incertae_sedis	Prolixibacter	Prolixibacter	Prolixibacter	1,7687E-07
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Propionibacteriaceae	Propionibacterium	0,000361595
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Propionibacteriaceae	Propionicicella	2,32347E-07
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Propionibacteriaceae	Propionicimonas	1,75743E-06
Bacteria	Fusobacteria	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Propionigenium	0
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Propionibacteriaceae	Propionimicrobium	3,95695E-07
Bacteria	Verrucomicrobia	Verrucomicrobiae	Verrucomicrobiales	Verrucomicrobiaceae	Prostheco bacter	6,40563E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiaceae 1	Proteiniclasticum	1,30981E-05
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Proteiniphilum	2,39935E-06

Bacteria	Firmicutes	Clostridia	Clostridiales	Peptostreptococcaceae	Proteocatella	2,45218E-05
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	Proteus	8,2689E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Pseudobutyrvibrio	2,7175E-05
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Brucellaceae	Pseudochrobactrum	2,28769E-07
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Microbacteriaceae	Pseudoclavibacter	5,68438E-07
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Pseudoflavonifractor	0,001604096
Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Pseudomonadaceae	Pseudomonas	8,79561E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Eubacteriaceae	Pseudoramibacter	1,03132E-06
Bacteria	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Sphingobacteriaceae	Pseudosphingobacterium	2,18362E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	Pseudovibrio	0
Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Pseudoxanthomonas	0
Bacteria	Fusobacteria	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Psychrilyobacter	1,46132E-07
Bacteria	Firmicutes	Bacilli	Bacillales	Planococcaceae	Psychrobacillus	2,21346E-06
Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	Psychrobacter	0,022248244
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae	Psychrosinus	1,89479E-07
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Alcaligenaceae	Pusillimonas	0
Bacteria	Synergistetes	Synergistia	Synergistales	Synergistaceae	Pyramidobacter	4,68017E-05
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Burkholderiaceae	Ralstonia	8,18424E-05
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	Raoultella	0,000120494
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Micrococcaceae	Renibacterium	0
Bacteria	Proteobacteria	Gammaproteobacteria	Chromatiales	Chromatiaceae	Rheinheimera	5,6733E-06
Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Pseudomonadaceae	Rhizobacter	0
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	Rhizobium	0,000234806
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	Rhodobacter	4,91867E-06
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Nocardiaceae	Rhodococcus	8,48941E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	Acetobacteraceae	Rhodopila	2,34882E-06
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Riemerella	6,03136E-06
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Rikenellaceae	Rikenella	5,28292E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Robinsoniella	0,00024207
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Roseburia	0,016973011
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	Acetobacteraceae	Roseomonas	4,54106E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	Roseovarius	0
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Micrococcaceae	Rothia	0,01665775
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	Rubellimicrobium	3,29631E-06
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Burkholderiales_incertae_sedis	Rubrivivax	1,81787E-05
Bacteria	Actinobacteria	Actinobacteria	Rubrobacterales	Rubrobacteraceae	Rubrobacter	2,13866E-06

Bacteria	Proteobacteria	Gammaproteobacteria	Aeromonadales	Succinivibrionaceae	Ruminobacter	2,61988E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Ruminococcus	0,00584075
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Ruminococcus2	0,004145569
Bacteria	Candidatus Saccharibacteria	Saccharibacteria_genera_incertae_sedis	Saccharibacteria_genera_incertae_sedis	Saccharibacteria_genera_incertae_sedis	Saccharibacteria_genera_incertae_sedis	0,000338023
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Saccharofermentans	2,87402E-05
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Pseudonocardaceae	Saccharomonospora	3,59903E-07
Bacteria	Firmicutes	Bacilli	Bacillales	Staphylococcaceae	Salinicoccus	6,29717E-06
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Salinimicrobium	0
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	Salmonella	6,56298E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiaceae 1	Sarcina	5,35664E-05
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Schlegelella	1,80056E-07
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae	Schwartzia	0,001440899
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales_Incertae_Sedis_XI	Sedimentibacter	9,5542E-07
Bacteria	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Chitinophagaceae	Sediminibacterium	3,61663E-06
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae	Selenomonas	0,004450666
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Beutenbergiaceae	Serinibacter	5,1946E-05
Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Pseudomonadaceae	Serpens	2,51194E-07
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	Serratia	1,95515E-06
Bacteria	Firmicutes	Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	Sharpea	1,18228E-07
Bacteria	Proteobacteria	Gammaproteobacteria	Alteromonadales	Shewanellaceae	Shewanella	2,75926E-06
Bacteria	Proteobacteria	Betaproteobacteria	Rhodocyclales	Rhodocyclaceae	Shinella	1,19968E-07
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Shuttleworthia	2,03197E-06
Bacteria	Proteobacteria	Betaproteobacteria	Neisseriales	Neisseriaceae	Simonsiella	7,86657E-07
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Simplicispira	2,39935E-06
Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae 2	Sinobaca	1,04981E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodospirillales	Rhodospirillaceae	Skermanella	0
Bacteria	Actinobacteria	Actinobacteria	Coriobacteriales	Coriobacteriaceae	Slackia	2,46535E-05
Bacteria	Fusobacteria	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Sneathia	1,16754E-06
Bacteria	Firmicutes	Bacilli	Bacillales	Planococcaceae	Solibacillus	2,42521E-07
Bacteria	Actinobacteria	Actinobacteria	Solirubrobacterales	Solirubrobacteraceae	Solirubrobacter	0
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Soonwooa	1,55905E-05
Bacteria	Chloroflexi	Thermomicrobia	Sphaerobacterales	Sphaerobacteraceae	Sphaerobacter	4,84267E-06
Bacteria	Spirochaetes	Spirochaetia	Spirochaetales	Spirochaetaceae	Sphaerochaeta	0,000675312
Bacteria	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Sphingobacteriaceae	Sphingobacterium	1,6181E-05
Bacteria	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Sphingobium	6,77944E-06
Bacteria	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Sphingomonas	0,000160447

Bacteria	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Sphingosinicella	7,66291E-07
Bacteria	Spirochaetes	Spirochaetia	Spirochaetales	Spirochaetaceae	Spirochaeta	1,7687E-07
Bacteria	Firmicutes	Clostridia	Clostridiales	Peptostreptococcaceae	Sporacetigenium	1,85711E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Sporobacter	0,001074167
Bacteria	Firmicutes	Bacilli	Bacillales	Sporolactobacillaceae	Sporolactobacillaceae _incertae_sedis	1,8518E-07
Bacteria	SR1	SR1_genera_incertae_sedis	SR1_genera_incertae_sedis	SR1_genera_incertae_sedis	SR1_genera_incertae _sedis	1,88632E-05
Bacteria	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Stakelama	0
Bacteria	Firmicutes	Bacilli	Bacillales	Staphylococcaceae	Staphylococcus	0,000338795
Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Stenotrophomonas	2,56271E-05
Bacteria	Fusobacteria	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Streptobacillus	4,24695E-05
Bacteria	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	0,010249989
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Streptomycetaceae	Streptomyces	2,2448E-06
Bacteria	Cyanobacteria/Chloroplast	Chloroplast	Chloroplast	Chloroplast	Streptophyta	0,000413259
Bacteria	Verrucomicrobia	Subdivision3	Subdivision3_genera_incertae_sedis	Subdivision3_genera_incertae_sedis	Subdivision3_genera_incertae_sedis	1,76108E-06
Bacteria	Verrucomicrobia	Subdivision5	Subdivision5_genera_incertae_sedis	Subdivision5_genera_incertae_sedis	Subdivision5_genera_incertae_sedis	0,000168423
Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Subdoligranulum	3,11616E-05
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Acidaminococcaceae	Succiniclasticum	3,56926E-07
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Acidaminococcaceae	Succinispira	1,7687E-07
Bacteria	Proteobacteria	Gammaproteobacteria	Aeromonadales	Succinivibrionaceae	Succinivibrio	0,004408282
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Sutterellaceae	Sutterella	0,003204398
Bacteria	Proteobacteria	Gammaproteobacteria	Cardiobacteriales	Cardiobacteriaceae	Suttonella	9,36591E-06
Bacteria	Synergistetes	Synergistia	Synergistales	Synergistaceae	Synergistes	1,24233E-05
Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Syntrophococcus	8,40861E-06
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Tannerella	0,000153079
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Burkholderiales_incertae_sedis	Tepidimonas	0
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Propionibacteriaceae	Tessaracoccus	9,71553E-05
Bacteria	Firmicutes	Bacilli	Lactobacillales	Enterococcaceae	Tetragenococcus	1,21228E-06
Bacteria	Proteobacteria	Betaproteobacteria	Rhodocyclales	Rhodocyclaceae	Thauera	2,39935E-07
Bacteria	Firmicutes	Bacilli	Bacillales	Bacillales_Incertae_Sedis_X	Thermicanus	0
Archaea	Euryarchaeota	Thermoplasmata	Thermoplasmatales	Thermoplasmatales_incertae_sedis	Thermogymnomonas	1,30418E-05
Bacteria	Actinobacteria	Thermoleophilia	Thermoleophilales	Thermoleophilaceae	Thermoleophilum	0

Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Thermomonas	0
Bacteria	Proteobacteria	Gammaproteobacteria	Thiotrichales	Piscirickettsiaceae	Thioalkalimicrobium	7,82941E-07
Bacteria	Proteobacteria	Gammaproteobacteria	Thiotrichales	Thiotrichaceae	Thiothrix	3,11916E-06
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales_Incertae_Sedis_XI	Tissierella	3,72507E-06
Bacteria	Proteobacteria	Gammaproteobacteria	Aeromonadales	Aeromonadaceae	Tolumonas	5,59839E-07
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Corynebacterineae_incertae_sedis	Tomitella	1,56588E-07
Bacteria	Spirochaetes	Spirochaetia	Spirochaetales	Spirochaetaceae	Treponema	0,011113654
Bacteria	Firmicutes	Bacilli	Lactobacillales	Carnobacteriaceae	Trichococcus	2,86886E-05
Bacteria	Deinococcus-Thermus	Deinococci	Deinococcales	Trueperaceae	Truepera	0
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Actinomycetaceae	Trueperella	3,51495E-05
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Corynebacteriaceae	Turicella	5,19489E-06
Bacteria	Firmicutes	Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	Turicibacter	0,000898162
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Oxalobacteraceae	Undibacterium	4,98164E-06
Bacteria	Firmicutes	Bacilli	Bacillales	Planococcaceae	Ureibacillus	3,53741E-07
Bacteria	Proteobacteria	Betaproteobacteria	Neisseriales	Neisseriaceae	Uruburuella	1,35808E-05
Bacteria	Firmicutes	Bacilli	Lactobacillales	Enterococcaceae	Vagococcus	3,50502E-05
Bacteria	Proteobacteria	Deltaproteobacteria	Bdellovibrionales	Bdellovibrionaceae	Vampirovibrio	0,003219813
Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Variovorax	1,09447E-05
Bacteria	Firmicutes	Negativicutes	Selenomonadales	Veillonellaceae	Veillonella	0,0002448
Bacteria	Proteobacteria	Gammaproteobacteria	Vibrionales	Vibrionaceae	Vibrio	5,20885E-06
Bacteria	Lentisphaerae	Lentisphaeria	Victivallales	Victivallaceae	Victivallis	0,000360707
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Micromonosporaceae	Virgisporangium	2,23591E-07
Bacteria	Proteobacteria	Betaproteobacteria	Neisseriales	Neisseriaceae	Vitreoscilla	2,0353E-06
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Wautersiella	4,93524E-05
Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Weeksella	0
Bacteria	Firmicutes	Bacilli	Lactobacillales	Leuconostocaceae	Weissella	0,000169603
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Nocardiaceae	Williamsia	0
Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Wohlfahrtiimonas	3,42297E-06
Bacteria	Proteobacteria	Epsilonproteobacteria	Campylobacteriales	Helicobacteraceae	Wolinella	1,19753E-06
Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Xanthomonas	0
Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Prevotellaceae	Xylanibacter	0,0001259
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Micrococcaceae	Yaniella	1,01713E-05
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	Yokenella	1,25471E-06
Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Micrococcaceae	Zhihengliuella	1,21261E-07
Bacteria	Proteobacteria	Betaproteobacteria	Rhodocyclales	Rhodocyclaceae	Zoogloea	1,43961E-06

