

Supplementary Table 1. OTU list of *Ace2*^{+y} and *Ace2*^{-y} mice with or without di-peptidic tryptophan supplemented diet.

Data are shown as the number of occurrences for each OTU detected by 454 sequencing.

OTUs	<i>Ace2</i> ^{-y} # 1	<i>Ace2</i> ^{-y} # 2	<i>Ace2</i> ^{-y} # 3	<i>Ace2</i> ^{-y} # 4	<i>Ace2</i> ^{-y} # 5	<i>Ace2</i> ^{-y} # 6	<i>Ace2</i> ^{-y} + TRP # 1	<i>Ace2</i> ^{-y} + TRP # 2	<i>Ace2</i> ^{-y} + TRP # 3	<i>Ace2</i> ^{-y} + TRP # 4	<i>Ace2</i> ^{-y} + TRP # 5	<i>Ace2</i> ^{+y} # 1	<i>Ace2</i> ^{+y} # 2	<i>Ace2</i> ^{+y} # 3	<i>Ace2</i> ^{+y} # 4	<i>Ace2</i> ^{+y} # 5	<i>Ace2</i> ^{+y} + TRP # 1	<i>Ace2</i> ^{+y} + TRP # 2	<i>Ace2</i> ^{+y} + TRP # 3	<i>Ace2</i> ^{+y} + TRP # 4
Paludibacter_OTU#1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#7	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#9	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Costertonia_OTU#10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dorea_OTU#12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#22	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#23	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#24	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0

Paludibacter_OTU#25	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Limibacter_OTU#26	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#27	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#28	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#29	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Roseburia_OTU#31	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#32	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Rikenella_OTU#33	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#34	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#35	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Tannerella_OTU#36	0	0	0	0	1	0	0	0	0	0	3	0	0	0	1	0	0	0	1	0
Paludibacter_OTU#37	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Tannerella_OTU#38	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#39	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#40	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#41	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#42	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#43	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#44	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#46	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Blautia_OTU#47	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#48	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Tannerella_OTU#49	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#50	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#51	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#52	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Blautia_OTU#53	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#54	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
Bacteroides_OTU#55	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#56	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paraprevotella_OTU#57	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0

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Paludibacter_OTU#58	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#59	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#60	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#61	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
Unclassified Porphyromonadaceae_OTU#62	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#63	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#64	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#65	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#66	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#67	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Tannerella_OTU#68	0	0	0	0	0	0	0	0	0	0	12	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#69	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#70	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#71	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#72	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Limibacter_OTU#73	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#74	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kordia_OTU#75	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#76	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flagellimonas_OTU#77	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#78	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#79	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#80	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#81	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#82	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unclassified Porphyromonadaceae_OTU#83	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Tannerella_OTU#84	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#85	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#86	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#87	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#88	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#89	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Paludibacter_OTU#90	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#91	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#92	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#93	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#94	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#95	0	1	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#96	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#97	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#98	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#99	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#100	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lawsonia_OTU#101	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#102	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#103	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#104	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#105	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#106	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#107	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#108	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#109	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#110	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#111	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#112	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#113	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#114	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alistipes_OTU#115	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#116	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#117	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#118	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#119	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#120	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#121	1	3	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#122	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Paludibacter_OTU#123	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#124	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#125	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#126	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#127	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#128	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#129	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#130	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#131	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#132	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#133	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unclassified Bacteroidetes_OTU#134	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aquiflexum_OTU#135	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#136	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Limibacter_OTU#137	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#138	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#139	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#140	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#141	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#142	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#143	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#144	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#145	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#146	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#147	2	1	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#148	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#149	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#150	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#151	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unclassified Bacteroidetes_OTU#152	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#153	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactovum_OTU#154	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#155	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Limibacter_OTU#156	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#157	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aquiflexum_OTU#158	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#159	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#160	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#161	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#162	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#163	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#164	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#165	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#166	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#167	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#168	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#169	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#170	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unclassified Porphyromonadaceae_OTU#171	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diaphorobacter_OTU#172	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#173	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#174	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paraprevotella_OTU#175	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#176	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#177	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#178	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#179	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#180	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#181	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#182	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#183	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#184	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#185	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Belliella_OTU#186	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unclassified Bacteroidetes_OTU#187	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unclassified TM7_OTU#188	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Paludibacter_OTU#189	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#190	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#191	0	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#192	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#193	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#194	1	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#195	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#196	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#197	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#198	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#199	1	0	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#200	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#201	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#202	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#203	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#204	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#205	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#206	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#207	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#208	1	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#209	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#210	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#211	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#212	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#213	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aquiflexum_OTU#214	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#215	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#216	3	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#217	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#218	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#219	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#220	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unclassified Bacteroidetes_OTU#221	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Rikenella_OTU#222	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#223	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#224	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#225	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#226	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#227	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unclassified Bacteroidales_OTU#228	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#229	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#230	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#231	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#232	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#233	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#234	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#235	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#236	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#237	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus_OTU#238	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#239	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#240	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#241	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#242	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#243	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
Unclassified Bacteroidales_OTU#244	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#245	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#246	1	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hallella_OTU#247	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#248	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#249	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#250	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#251	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#252	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#253	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#254	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Anaerophaga_OTU#255	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#256	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#257	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#258	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#259	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#260	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#261	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#262	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#263	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#264	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#265	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ureaplasma_OTU#266	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hallella_OTU#267	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unclassified Porphyromonadaceae_OTU#268	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#269	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#270	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#271	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#272	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#273	3	0	17 9	38	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#274	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#275	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unclassified Bacteroidetes_OTU#276	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#277	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xylanibacter_OTU#278	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#279	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#280	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#281	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#282	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#283	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#284	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#285	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#286	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Paludibacter_OTU#287	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#288	32	12	46	44	21	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#289	4	3	0	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#290	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#290	2	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#291	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#292	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#292	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#293	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#293	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#294	2	1	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#295	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#295	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lawsonia_OTU#296	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Lawsonia_OTU#296	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#297	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#297	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Adlercreutzia_OTU#298	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Adlercreutzia_OTU#298	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#299	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#299	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Blautia_OTU#300	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Blautia_OTU#300	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#301	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#301	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#302	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#302	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#303	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#303	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Alkaliflexus_OTU#304	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Alkaliflexus_OTU#304	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#305	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#305	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Streptococcus_OTU#306	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus_OTU#306	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptophyta_OTU#307	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptophyta_OTU#307	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#308	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#308	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterorhabdus_OTU#309	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterorhabdus_OTU#309	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#310	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#310	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#311	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#311	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#312	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#312	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#313	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#313	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Eggerthella_OTU#314	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Eggerthella_OTU#314	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerotruncus_OTU#315	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerotruncus_OTU#315	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#316	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#316	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#317	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#317	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Limibacter_OTU#318	2	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#318	2	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#319	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#319	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

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Limibacter_OTU#320	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#321	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#322	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#323	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#324	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#325	6	8	0	4	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#326	2	0	0	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#327	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#328	4	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#329	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterorhabdus_OTU#330	0	0	1	0	0	0	5	3	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#331	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#332	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Unclassified Bacteroidetes_OTU#333	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#334	2	3	2	6	2	0	10	5	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#335	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#336	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#337	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#338	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#339	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptophyta_OTU#340	0	0	0	0	0	0	6	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#341	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#342	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#343	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#344	0	0	0	0	0	0	51	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#345	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#346	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#347	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#348	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#349	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Alistipes_OTU#350	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#351	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#352	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

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Ureaplasma_OTU#353	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#354	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Adlercreutzia_OTU#355	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#356	0	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#357	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Dorea_OTU#358	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Adlercreutzia_OTU#359	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Coprococcus_OTU#360	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#361	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#362	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Roseburia_OTU#363	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#364	0	2	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Oscillibacter_OTU#365	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#366	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Unclassified TM7_OTU#367	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#368	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#369	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Pseudozobellia_OTU#370	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0
Acetitomaculum_OTU#371	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Marvinbryantia_OTU#372	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#373	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Syntrophococcus_OTU#374	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Coprococcus_OTU#375	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#376	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
Anaerovorax_OTU#377	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Lactonifactor_OTU#378	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Roseburia_OTU#379	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Anaerotruncus_OTU#380	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Anaerovorax_OTU#381	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
Unclassified Bacteroidales_OTU#382	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#383	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Anaerostipes_OTU#384	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#385	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0

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Dorea_OTU#386	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Coprococcus_OTU#387	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Dorea_OTU#388	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Anaerotruncus_OTU#389	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Dorea_OTU#390	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Unclassified_TM7_OTU#391	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Unclassified_Clostridia_OTU#392	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Anaerostipes_OTU#393	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#394	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Mucispirillum_OTU#395	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#396	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Atopobacter_OTU#397	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#398	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Syntrophococcus_OTU#399	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Robinsoniella_OTU#400	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#401	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#402	0	1	0	1	0	0	15	15	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#403	1	2	0	1	1	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#404	0	3	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0
Flexithrix_OTU#405	0	3	2	0	0	0	4	13	0	0	0	0	0	0	0	0	0	0	0	0
Dorea_OTU#406	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#407	1	1	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Roseburia_OTU#408	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#409	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Anaerotruncus_OTU#410	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#411	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Hallella_OTU#412	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Robinsoniella_OTU#413	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#414	0	1	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#415	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#416	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Dorea_OTU#417	0	0	0	0	0	0	4	27	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#418	0	0	1	0	0	0	12	13	0	0	0	0	0	0	0	0	0	0	0	0

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Limibacter_OTU#419	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#420	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Marvinbryantia_OTU#421	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Syntrophococcus_OTU#422	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Proteiniphilum_OTU#423	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Roseburia_OTU#424	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Coprococcus_OTU#425	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Parasporobacterium_OTU#426	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#427	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Flexithrix_OTU#428	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#429	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#430	1	0	0	1	0	0	2	11	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#431	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#432	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#433	0	0	1	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#434	12	10	1	5	2	0	14	16	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#435	3	5	0	4	1	1	21	17	0	3	39	0	0	0	0	0	0	0	0	0
Anaerotruncus_OTU#436	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#437	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#438	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Aquiflexum_OTU#439	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paraprevotella_OTU#440	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Prevotella_OTU#441	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0
Sharpea_OTU#442	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#443	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Xylanibacter_OTU#444	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#445	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#446	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Rikenella_OTU#447	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Oscillibacter_OTU#448	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Allobaculum_OTU#449	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#450	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Allobaculum_OTU#451	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0

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Limibacter_OTU#452	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Xylanibacter_OTU#453	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Garciella_OTU#454	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#455	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Parasutterella_OTU#456	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0
Paludibacter_OTU#457	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#458	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Paludibacter_OTU#459	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#460	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Rikenella_OTU#461	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#462	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#463	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#464	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#465	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Unclassified Porphyromonadaceae_OTU#466	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Roseburia_OTU#467	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Tannerella_OTU#468	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Tannerella_OTU#469	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#470	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Butyricimonas_OTU#471	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#472	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#473	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#474	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#475	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0
Paludibacter_OTU#476	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Rikenella_OTU#477	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Anaerophaga_OTU#478	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#479	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#480	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#481	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#482	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paraprevotella_OTU#483	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Acetitomaculum_OTU#484	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0

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Allobaculum_OTU#485	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#486	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Sharpea_OTU#487	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Allobaculum_OTU#488	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Rikenella_OTU#489	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#490	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Solobacterium_OTU#491	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Rikenella_OTU#492	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#493	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
Allobaculum_OTU#494	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#495	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#496	2	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Allobaculum_OTU#497	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Allobaculum_OTU#498	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Oscillibacter_OTU#499	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Allobaculum_OTU#500	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0
Parasutterella_OTU#501	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Tepidanaerobacter_OTU#502	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Unclassified_TM7_OTU#503	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Pseudozobellia_OTU#504	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0
Rikenella_OTU#505	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Limibacter_OTU#506	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Oscillibacter_OTU#507	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#508	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#509	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Solobacterium_OTU#510	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#511	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Alistipes_OTU#512	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Rikenella_OTU#513	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Rikenella_OTU#514	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#515	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Roseburia_OTU#516	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Limibacter_OTU#517	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0

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Alistipes_OTU#518	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#519	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Allobaculum_OTU#520	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#521	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#522	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#523	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#524	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#525	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
Odoribacter_OTU#526	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Allobaculum_OTU#527	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#528	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
Anaerophaga_OTU#529	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#530	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#531	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#532	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paraprevotella_OTU#533	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Oscillibacter_OTU#534	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
Barnesiella_OTU#535	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#536	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Solobacterium_OTU#537	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Anaerophaga_OTU#538	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Alistipes_OTU#539	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#540	2	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Tannerella_OTU#541	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
Anaerophaga_OTU#542	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#543	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#544	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#545	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#546	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#547	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#548	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#549	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#550	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

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Syntrophococcus_OTU#551	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#552	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#553	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#554	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#555	3	4	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#556	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
Smithella_OTU#557	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0
Paludibacter_OTU#558	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	0	0	0	1
Paludibacter_OTU#559	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#560	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Prevotella_OTU#561	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#562	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#563	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#564	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#565	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Allobaculum_OTU#566	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Oscillibacter_OTU#567	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#568	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#569	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#570	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Allobaculum_OTU#571	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	2	0	0	0	0
Paludibacter_OTU#572	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#573	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Allobaculum_OTU#574	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#575	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Oscillibacter_OTU#576	0	0	1	0	1	5	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Parasutterella_OTU#577	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Anaerophaga_OTU#578	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#579	3	3	0	3	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
Anaerophaga_OTU#580	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#581	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#582	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Barnesiella_OTU#583	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0

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Tuberibacillus_OTU#584	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Tuberibacillus_OTU#585	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Limibacter_OTU#586	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Unclassified Porphyromonadaceae_OTU#587	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Robinsoniella_OTU#588	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#589	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#590	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Tannerella_OTU#591	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#592	0	2	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#593	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Unclassified Bacteroidales_OTU#594	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Limibacter_OTU#595	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#596	1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	1
Unclassified Bacteroidetes_OTU#597	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Solobacterium_OTU#598	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Roseburia_OTU#599	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Allobaculum_OTU#600	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Allobaculum_OTU#601	0	0	0	0	0	0	0	0	0	0	0	3	1	1	0	1	0	0	0	0
Paludibacter_OTU#602	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#603	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#604	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0
Tannerella_OTU#605	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#606	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0
Paludibacter_OTU#607	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#608	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Barnesiella_OTU#609	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Bulleidia_OTU#610	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Paludibacter_OTU#611	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#612	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Rikenella_OTU#613	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#614	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#615	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Anaerophaga_OTU#616	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0

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Tannerella_OTU#617	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Rikenella_OTU#618	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#619	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Barnesiella_OTU#620	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#621	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#622	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#623	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Paludibacter_OTU#624	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Paludibacter_OTU#625	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#626	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#627	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#628	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Paludibacter_OTU#629	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#630	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Peptococcus_OTU#631	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Anaerophaga_OTU#632	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
unclassified_OTU#633	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#634	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Unclassified Bacteroidetes_OTU#635	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Paludibacter_OTU#636	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0
Anaerophaga_OTU#637	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
Allobaculum_OTU#638	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Tuberibacillus_OTU#639	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#640	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Rikenella_OTU#641	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#642	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
Anaerophaga_OTU#643	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Allobaculum_OTU#644	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#645	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#646	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#647	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Rikenella_OTU#648	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#649	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0

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Solobacterium_OTU#650	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Paludibacter_OTU#651	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Aminiphilus_OTU#652	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#653	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	1	0	0
Paludibacter_OTU#654	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Rikenella_OTU#655	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaerophaga_OTU#656	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#657	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Rikenella_OTU#658	0	0	0	0	0	0	0	0	0	0	0	5	1	1	2	0	0	0	1	3
Paludibacter_OTU#659	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#660	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#661	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#662	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaerophaga_OTU#663	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#664	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Paludibacter_OTU#665	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Unclassified																				
Porphyromonadaceae_OTU#666	0	2	0	0	3	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0
Allobaculum_OTU#667	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#668	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Sporacetigenium_OTU#669	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0
Paludibacter_OTU#670	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#671	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1
Rikenella_OTU#672	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#673	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Limibacter_OTU#674	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#676	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#677	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#678	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Rikenella_OTU#679	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#680	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Anaerophaga_OTU#681	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#682	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

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Paludibacter_OTU#683	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#684	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#685	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Paludibacter_OTU#686	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Rikenella_OTU#687	0	0	0	0	1	0	0	0	0	0	0	1	0	2	1	0	0	0	0	0
Allobaculum_OTU#688	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
Barnesiella_OTU#689	0	0	0	0	0	0	0	0	0	0	0	5	1	2	1	1	0	0	0	0
Barnesiella_OTU#690	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0
Paludibacter_OTU#691	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#692	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#693	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#694	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	0
Limibacter_OTU#695	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
unclassified_OTU#696	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Barnesiella_OTU#697	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	2	0	0	0	0
Denitrobacterium_OTU#698	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Anaerophaga_OTU#699	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Limibacter_OTU#700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Clostridium_OTU#701	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	1	0	0	0	0
Barnesiella_OTU#702	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Dorea_OTU#703	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#705	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#706	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#707	0	1	0	0	1	0	0	0	0	0	0	1	2	1	2	0	0	0	0	0
Salinhabitans_OTU#708	0	0	0	0	0	0	0	0	0	0	0	4	3	1	1	5	1	0	0	0
Limibacter_OTU#709	0	0	1	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0
Barnesiella_OTU#710	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Unclassified Bacteria_OTU#711	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
Paludibacter_OTU#712	0	1	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	0
Barnesiella_OTU#713	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Proteiniphilum_OTU#714	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#715	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

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Paludibacter_OTU#716	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#717	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Dorea_OTU#718	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#719	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#720	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#721	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	0	0	0	0
Anaerophaga_OTU#722	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0
Paludibacter_OTU#723	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Paludibacter_OTU#724	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#725	0	0	0	0	0	0	0	0	0	0	0	1	3	0	1	0	0	0	0	0
Paludibacter_OTU#726	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#727	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Alistipes_OTU#728	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#729	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Unclassified Bacteroidales_OTU#730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Paludibacter_OTU#731	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Anaerophaga_OTU#732	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	0	0	0	0	0
Paludibacter_OTU#733	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#734	0	0	0	0	0	0	1	7	0	0	0	5	5	1	4	1	1	2	3	0
Paludibacter_OTU#735	1	0	0	2	1	0	0	0	0	0	0	2	2	0	2	0	0	0	0	0
Paludibacter_OTU#736	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0
Paludibacter_OTU#737	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Unclassified Bacteroidales_OTU#738	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0
Limibacter_OTU#739	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#740	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
Barnesiella_OTU#741	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Rikenella_OTU#742	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Pseudozobellia_OTU#743	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#744	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#745	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#746	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
Paludibacter_OTU#747	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#748	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0

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Paludibacter_OTU#749	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#750	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#751	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#752	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Allobaculum_OTU#753	0	0	0	0	0	0	0	0	0	0	0	4	0	2	1	2	0	0	0	0	0
Turicibacter_OTU#754	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#755	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#756	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#757	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Allobaculum_OTU#758	0	0	0	0	0	0	0	0	0	0	0	1	0	3	1	3	0	0	0	0	0
Paludibacter_OTU#759	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Limibacter_OTU#760	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#761	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#762	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#763	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Rikenella_OTU#764	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Denitrobacterium_OTU#765	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
Allobaculum_OTU#766	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	2	0	0	0	0	0
Paludibacter_OTU#767	0	1	0	0	1	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0
Rikenella_OTU#768	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Rikenella_OTU#769	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Rikenella_OTU#770	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#771	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#772	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0
Paludibacter_OTU#773	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0
Unclassified Bacteroidales_OTU#774	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
Limibacter_OTU#775	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Unclassified Bacteroidetes_OTU#776	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0
Butyrlicimonas_OTU#777	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#778	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#779	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Hallella_OTU#780	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#781	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

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Paludibacter_OTU#782	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#783	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
Denitrobacterium_OTU#784	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#785	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Butyricimonas_OTU#786	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
Paludibacter_OTU#787	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Rikenella_OTU#788	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Allobaculum_OTU#789	0	0	0	0	0	0	0	0	0	0	4	1	1	1	2	0	0	0	0	0
Paludibacter_OTU#790	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
Paludibacter_OTU#791	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#792	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Allobaculum_OTU#793	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#794	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#795	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#796	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Prevotella_OTU#797	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
Paludibacter_OTU#798	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Paludibacter_OTU#799	1	4	0	1	1	0	0	1	0	0	0	0	0	1	1	3	0	0	0	0
Barnesiella_OTU#800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#801	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#802	1	1	0	1	0	0	1	1	0	0	0	16	18	7	15	4	2	0	0	0
Unclassified Bacteria_OTU#803	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
Barnesiella_OTU#804	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0
Paraprevotella_OTU#805	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#806	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	0	0	0
Paludibacter_OTU#807	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#808	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0
Alistipes_OTU#809	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Oscillibacter_OTU#811	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Limibacter_OTU#812	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Anaerophaga_OTU#813	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1
Paludibacter_OTU#814	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0

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Paludibacter_OTU#815	3	2	0	5	2	0	0	0	0	0	0	1	7	1	3	2	0	0	0	0
Barnesiella_OTU#816	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0
Barnesiella_OTU#817	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#818	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Unclassified Bacteroidales_OTU#819	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0
Bulleidia_OTU#820	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#821	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Tannerella_OTU#822	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#823	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#824	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Schwartzia_OTU#825	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Rikenella_OTU#826	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Pseudozobellia_OTU#827	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Tannerella_OTU#828	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#829	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
Unclassified Porphyromonadaceae_OTU#830	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	0	0	0	0
Allobaculum_OTU#831	0	0	0	0	0	0	0	0	0	0	0	3	1	2	2	4	0	0	0	0
Paludibacter_OTU#832	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#833	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
Paludibacter_OTU#834	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	5	0	0	0	0
Allobaculum_OTU#835	0	0	0	0	0	0	0	0	0	0	0	31	11	14	14	21				
Paludibacter_OTU#836	0	0	0	0	0	0	0	0	0	0	0	8	1	3	3	3	1	0	0	0
Paludibacter_OTU#837	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
Unclassified Bacteroidetes_OTU#838	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
Barnesiella_OTU#839	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0
Paludibacter_OTU#840	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#841	1	0	5	0	5	0	9	1	0	0	0	0	1	1	3	2	0	0	0	0
Barnesiella_OTU#842	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0
Limibacter_OTU#843	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Unclassified Bacteroidetes_OTU#844	0	0	1	0	1	0	1	0	0	0	0	44	23	29	19	43	0	0	0	0
Paludibacter_OTU#845	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Unclassified Bacteroidetes_OTU#846	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0

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Barnesiella_OTU#847	30	75	3	44	20	0	0	0	0	0	0	63	13 3	96	97	88	0	0	0	0
Barnesiella_OTU#848	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Limibacter_OTU#849	0	0	0	0	0	0	0	0	0	0	0	5	5	4	2	5	0	1	0	0
Barnesiella_OTU#850	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	0	0	0	0
Barnesiella_OTU#851	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Parasutterella_OTU#852	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Allobaculum_OTU#853	0	0	0	0	0	0	0	0	0	0	0	28	6	9	9	21	1	0	0	0
Barnesiella_OTU#854	42	66	1	44	29	0	0	0	0	0	0	30	64	27	39	29	0	0	0	0
Paludibacter_OTU#855	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#856	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#857	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Hallella_OTU#858	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Finegoldia_OTU#859	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Parvimonas_OTU#860	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Parvimonas_OTU#861	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Porphyromonadaceae_OTU#862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Lactobacillus_OTU#863	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#864	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#865	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Thermonema_OTU#866	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0
Paludibacter_OTU#867	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Anaerophaga_OTU#868	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Barnesiella_OTU#869	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Barnesiella_OTU#870	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Blautia_OTU#871	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Limibacter_OTU#872	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#873	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Rikenella_OTU#874	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
Unclassified Bacteroidales_OTU#875	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
Paludibacter_OTU#876	0	0	0	0	0	0	0	1	0	0	0	2	1	0	0	0	0	1	0	1
Paludibacter_OTU#877	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Tannerella_OTU#878	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Unclassified Bacteroidales_OTU#879	0	0	0	0	0	0	0	0	0	0	0	3	1	4	6	3	0	2	0	1

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Paludibacter_OTU#880	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0
Anaerophaga_OTU#881	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#882	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#883	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Barnesiella_OTU#884	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#885	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Rikenella_OTU#886	0	0	0	0	0	0	0	0	0	0	0	3	5	7	9	8	4	9	4	9	
Paludibacter_OTU#887	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#888	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Barnesiella_OTU#889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Pseudozobellia_OTU#890	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Butyricimonas_OTU#891	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Peptococcus_OTU#892	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Limibacter_OTU#893	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Barnesiella_OTU#894	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	1	0	0
Paludibacter_OTU#895	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Rikenella_OTU#896	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#897	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#898	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#899	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Barnesiella_OTU#900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Tannerella_OTU#901	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Unclassified Bacteroidales_OTU#902	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
unclassified_OTU#903	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#904	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#905	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4	2	0
Paludibacter_OTU#906	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	1	0	0	0
Zhangella_OTU#907	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Aquiflexum_OTU#908	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Barnesiella_OTU#909	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#910	0	0	0	0	0	0	1	5	0	0	0	0	0	0	2	1	0	4	0	0	0
Tannerella_OTU#911	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Rikenella_OTU#912	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

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Unclassified Bacteroidales_OTU#913	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
Anaerophaga_OTU#914	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#915	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#916	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Rikenella_OTU#917	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	1	0	5	0	1
Paludibacter_OTU#918	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#919	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#920	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	1	0
Paludibacter_OTU#921	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	0
Unclassified Bacteroidetes_OTU#922	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	4	0	0
Unclassified Bacteroidales_OTU#923	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0
Paludibacter_OTU#924	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Anaerophaga_OTU#925	0	2	0	0	0	0	3	3	0	0	0	0	2	0	1	0	0	1	0	0
Barnesiella_OTU#926	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Tannerella_OTU#927	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#928	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Rikenella_OTU#929	1	0	0	1	1	0	0	0	0	0	0	1	0	2	0	0	0	2	0	0
Paludibacter_OTU#930	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Hallella_OTU#931	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#932	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	0	2
Paludibacter_OTU#933	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Prevotella_OTU#934	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Barnesiella_OTU#935	0	0	0	0	0	0	0	0	0	0	0	4	4	4	6	4	1	0	2	0
Barnesiella_OTU#936	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Paludibacter_OTU#937	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Anaerophaga_OTU#938	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Anaerophaga_OTU#939	0	0	0	0	0	0	0	0	0	0	14	7	1	1	6	8	0	1	3	0
Paludibacter_OTU#940	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Rikenella_OTU#941	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Anaerophaga_OTU#942	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#943	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Barnesiella_OTU#944	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Barnesiella_OTU#945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0

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Rikenella_OTU#946	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Rikenella_OTU#947	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#948	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#949	0	0	0	0	0	0	2	1	0	0	0	0	1	2	0	0	0	2	3	0
Paludibacter_OTU#950	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Ethanoligenens_OTU#951	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#952	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Barnesiella_OTU#953	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#954	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Parasutterella_OTU#955	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Salsuginibacillus_OTU#956	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#957	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#958	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#959	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
Paludibacter_OTU#960	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	2	0
Unclassified Porphyromonadaceae_OTU#961	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	3	2	0
Anaerophaga_OTU#962	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#963	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0
Paludibacter_OTU#964	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#965	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Parasutterella_OTU#966	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Paludibacter_OTU#967	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Anaerophaga_OTU#968	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#969	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Eggerthella_OTU#970	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0
Paludibacter_OTU#971	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	1	0
Paludibacter_OTU#972	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#973	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#974	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#975	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0
Paludibacter_OTU#976	0	1	0	1	1	0	3	1	0	0	0	1	0	0	0	0	0	1	1	0
Paludibacter_OTU#977	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Unclassified Bacteroidales_OTU#978	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0

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Paludibacter_OTU#979	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
Barnesiella_OTU#980	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Unclassified Bacteroidales_OTU#981	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Dorea_OTU#982	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Dorea_OTU#983	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	2	0
Paludibacter_OTU#984	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Asaccharobacter_OTU#985	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Blautia_OTU#986	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#987	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Anaerophaga_OTU#988	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#989	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
Paludibacter_OTU#990	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Anaerophaga_OTU#991	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0
Anaerophaga_OTU#992	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
Anaerophaga_OTU#993	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#994	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	1	1
Paludibacter_OTU#995	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	3	0	1
Anaerophaga_OTU#996	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Paludibacter_OTU#997	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Dorea_OTU#998	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#999	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1
unclassified_OTU#1000	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3	0	0	0	0	0	1
Tannerella_OTU#1001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rikenella_OTU#1002	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	2
Paludibacter_OTU#1003	0	1	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	3	0	1
Unclassified Bacteroidales_OTU#1004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Barnesiella_OTU#1005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rikenella_OTU#1006	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
Marvinbryantia_OTU#1007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Howardella_OTU#1008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Barnesiella_OTU#1009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Pseudozobellia_OTU#1010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Papillibacter_OTU#1011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

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Paludibacter_OTU#1012	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	
Barnesiella_OTU#1013	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Rikenella_OTU#1014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Paludibacter_OTU#1015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Dorea_OTU#1016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Limibacter_OTU#1017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Rikenella_OTU#1018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	
Paludibacter_OTU#1019	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	
Rikenella_OTU#1020	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
Parasporobacterium_OTU#1021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Paludibacter_OTU#1022	0	2	0	1	1	0	7	4	0	0	0	1	1	1	1	5	0	1	2	1
Paludibacter_OTU#1023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Paludibacter_OTU#1024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Paludibacter_OTU#1025	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	
Tannerella_OTU#1026	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	
Tannerella_OTU#1027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Barnesiella_OTU#1028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Paludibacter_OTU#1029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Paludibacter_OTU#1030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Tannerella_OTU#1031	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Dorea_OTU#1032	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Anaerophaga_OTU#1033	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	
Paludibacter_OTU#1034	0	2	2	1	6	1	16	17	0	0	29	0	1	1	0	0	1	6	2	1
Paludibacter_OTU#1035	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Paludibacter_OTU#1036	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	4
Paludibacter_OTU#1037	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Limibacter_OTU#1038	2	0	1	4	2	0	2	2	0	0	0	0	0	0	0	0	0	1	0	1
Proteiniphilum_OTU#1039	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Paludibacter_OTU#1040	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
unclassified Bacteroidales_OTU#1041	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1
Paludibacter_OTU#1042	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	3	
Paludibacter_OTU#1043	0	0	0	0	0	0	0	0	0	0	4	4	4	3	3	1	17	2	11	
Rikenella_OTU#1044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	2

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Rikenella_OTU#1045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Dorea_OTU#1046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#1047	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	1	1	1
Paludibacter_OTU#1048	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Parvimonas_OTU#1049	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	3	55 7	14	4	42
Paludibacter_OTU#1050	0	0	0	1	0	0	2	2	0	0	0	0	1	0	0	0	2	4	2	4
Rikenella_OTU#1051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1
Paludibacter_OTU#1052	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Paludibacter_OTU#1053	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1
unclassified Bacteroidales_OTU#1054	1	0	0	1	0	0	1	0	0	0	0	2	1	5	1	1	1	0	2	2
Barnesiella_OTU#1055	1	30	0	0	5	0	13	2	0	0	0	17	47	45	31	24	10	18	17	19
Paludibacter_OTU#1056	0	0	0	0	0	0	0	5	0	0	0	0	1	1	0	0	1	8	1	5
Paludibacter_OTU#1057	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
unclassified_OTU#1058	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Paludibacter_OTU#1059	0	0	0	0	0	0	1	0	0	0	0	8	8	6	15	11	2	4	1	2
Paludibacter_OTU#1060	31	56	11	27	27	0	48	31	0	0	0	22	16	28	17	24	12	49	47	54
Paludibacter_OTU#1061	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Anaerophaga_OTU#1062	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2
Asaccharobacter_OTU#1063	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2
Paludibacter_OTU#1064	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	2
Paludibacter_OTU#1065	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#1066	0	0	0	0	0	0	0	0	0	0	0	0	3	1	2	1	0	5	1	5
Thermonema_OTU#1067	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Peptococcus_OTU#1068	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#1069	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#1070	0	0	0	0	0	0	0	1	0	0	0	4	8	6	5	2	0	4	4	4
unclassified																				
Porphyromonadaceae_OTU#1071	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	1	1	0	1
Barnesiella_OTU#1072	0	1	3	8	12	0	36	35	0	0	0	1	5	3	8	2	11	40	19	42
Paludibacter_OTU#1073	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	3	0	2
Paludibacter_OTU#1074	0	0	0	2	0	0	1	1	0	0	0	0	1	1	0	2	0	4	1	2
Paludibacter_OTU#1075	2	3	1	1	3	0	15	19	0	0	0	19	26	36	20	27	9	57	11	46
Tannerella_OTU#1076	0	0	0	0	2	0	0	1	0	0	4	0	0	0	0	0	0	0	0	1

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Paludibacter_OTU#1077	23	47	1	2	2	0	48	10	0	0	0	22	54	64	60	63	16	58	81	47
Paludibacter_OTU#1078	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	2
Dorea_OTU#1079	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#1080	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Barnesiella_OTU#1081	2	0	0	2	1	0	0	0	0	0	0	3	2	1	5	2	1	0	0	2
Anaerophaga_OTU#1082	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Paludibacter_OTU#1083	4	12	9	4	10	2	9	0	10	2	14	0	5	7	3	5	3	22	24	8
Paludibacter_OTU#1084	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#1085	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Dorea_OTU#1086	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Paludibacter_OTU#1087	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Paludibacter_OTU#1088	0	0	0	0	0	0	0	0	0	0	8	4	7	10	8	11	0	0	4	3
Rikenella_OTU#1089	26	3	7	21	36	0	13	0	0	0	0	9	7	12	11	8	0	6	10	11
Coprococcus_OTU#1090	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#1091	6	4	7	8	17	0	15	31	9	0	0	61	12	12	12	62	95	37	64	27
Rikenella_OTU#1092	24	4	12	20	32	0	18	3	0	0	1	31	21	36	49	33	10	32	24	35
unclassified Bacteroidales_OTU#1093	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Paludibacter_OTU#1094	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Paludibacter_OTU#1095	0	0	0	0	1	0	0	0	0	0	0	1	1	0	1	0	0	0	1	1
unclassified Bacteroidetes_OTU#1096	0	0	0	0	0	0	0	0	0	0	0	0	1	4	1	2	0	1	0	4
Limibacter_OTU#1097	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Robinsoniella_OTU#1098	0	0	0	0	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1099	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1100	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1101	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1102	0	0	0	0	0	1	1	2	0	0	5	1	0	0	0	0	1	2	1	1
Limibacter_OTU#1103	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1104	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#1105	4	3	1	0	3	2	31	34	0	0	1	6	0	8	6	7	5	24	9	11
Paludibacter_OTU#1106	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1107	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1108	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#1109	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Limibacter_OTU#1110	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1111	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lawsonia_OTU#1112	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1113	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1114	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1115	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus_OTU#1116	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1117	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1118	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#1119	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#1120	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blautia_OTU#1121	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1122	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1123	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1124	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1125	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1126	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1127	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1128	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1129	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1130	1	1	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus_OTU#1131	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1132	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1133	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus_OTU#1134	1	1	2	0	30	78	0	0	0	0	0	4	9	3	13	3	13	3	37	72
Limibacter_OTU#1135	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#1136	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1137	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1138	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1139	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1140	0	2	3	0	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1141	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1142	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Paludibacter_OTU#1143	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1144	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Proteiniphilum_OTU#1145	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1146	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1147	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1148	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1149	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1150	1	0	8	0	4	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1151	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1152	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1153	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#1154	0	0	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Porphyromonadaceae_OTU#1155	0	0	1	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1156	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#1157	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1158	0	0	0	0	3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1159	0	2	19	4	19	23 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1160	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus_OTU#1161	0	0	0	1	1	2	0	0	0	0	0	0	1	1	5	0	86	18	60	71
Parasutterella_OTU#1162	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#1163	1	0	1	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1164	29 3	14 7	14 5	13 0	21 5	26 8	54	30	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1165	4	5	0	0	0	10 3	0	0	1	0	12	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1166	1	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#1167	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#1168	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Alistipes_OTU#1169	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Roseburia_OTU#1170	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Ureaplasma_OTU#1171	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#1172	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0

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Mucispirillum_OTU#1173	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0		
Barnesiella_OTU#1174	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0		
Lactobacillus_OTU#1175	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0		
Paludibacter_OTU#1176	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0		
Parasutterella_OTU#1177	2	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0	0	0	0		
Tannerella_OTU#1178	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0		
Sporacetigenium_OTU#1179	0	0	0	0	0	0	0	0	8	3	20	0	0	0	0	0	0	0	0	0		
Parabacteroides_OTU#1180	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0		
Bacteroides_OTU#1181	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0		
Parabacteroides_OTU#1182	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0		
Paludibacter_OTU#1183	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0		
Tannerella_OTU#1184	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0		
Parabacteroides_OTU#1185	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0		
Paludibacter_OTU#1186	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0		
Paludibacter_OTU#1187	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0		
Paludibacter_OTU#1188	0	2	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0	3	1	0		
Barnesiella_OTU#1189	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	0	0	0	0	0		
Lactobacillus_OTU#1190	0	12	0	0	1	65	26	10	27	8	2	2	0	4	3	2	12	3	1	0	0	3
Paludibacter_OTU#1191	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Escherichia/Shigella_OTU#1192	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1193	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Pseudozobellia_OTU#1194	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Parabacteroides_OTU#1195	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1196	0	0	0	1	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1197	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Anaerostipes_OTU#1198	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Bacteroides_OTU#1199	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#1200	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1201	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#1202	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Bacteroides_OTU#1203	0	0	0	0	0	0	0	0	2	5	13	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1204	0	0	0	0	0	1	0	0	0	1	0	1	4	2	6	5	0	0	0	1	0	0
Parasutterella_OTU#1205	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0

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Paludibacter_OTU#1206	0	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0
Bacteroides_OTU#1207	0	0	0	0	0	0	0	5	0	2	3	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#1208	2	0	2	4	5	1	2	1	0	4	8	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1209	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#1210	0	0	1	0	1	1	0	0	5	1	3	0	0	0	0	0	0	0	0	0
Anaerostipes_OTU#1211	0	0	0	0	0	0	0	0	2	10	4	0	0	0	0	0	0	0	0	0
Ureaplasma_OTU#1212	2	13	0	1	15	0	83	37	24	6	16	13	0	0	0	0	0	0	0	0
Paludibacter_OTU#1213	0	1	0	0	0	0	1	1	0	1	9	1	1	2	0	0	1	1	2	1
Helicobacter_OTU#1214	0	0	1	0	0	2	0	0	0	2	1	0	0	0	0	0	0	0	0	0
Bacteroides_OTU#1215	0	0	0	0	0	1	0	2	15	6	3	0	0	0	0	0	0	0	0	0
Akkermansia_OTU#1216	0	0	0	0	0	0	0	0	1	12	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#1217	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1218	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paraprevotella_OTU#1219	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0
Enterobacter_OTU#1220	0	0	6	0	0	0	0	0	1	19	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#1221	1	26	0	0	2	0	0	0	20	2	55	30	25	23	11	30	31	0	0	2
Parasutterella_OTU#1222	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
Escherichia/Shigella_OTU#1223	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Pseudozobellia_OTU#1224	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Roseburia_OTU#1225	0	0	0	0	0	1	0	0	53	74	28	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#1226	2	7	4	12	15	0	5	1	0	3	4	2	3	7	0	2	0	0	4	5
Lawsonia_OTU#1227	1	0	0	0	1	1	1	2	0	4	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#1228	8	0	6	10	7	34	2	1	12	50	44	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1229	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#1230	2	34	9	10	53	8	23	25	4	59	14	2	3	8	2	5	6	2	9	4
Parasutterella_OTU#1231	44	11	1	13	27	56	3	13	5	45	20	6	7	49	64	68	49	66	7	38
Parasutterella_OTU#1232	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0

Supplementary Table 1

Supplementary Table 2. SIMPER analysis of *Ace2^{+y}* and *Ace2^{-y}* mice with or without di-peptidic tryptophan supplemented diet.

SIMPER analysis was performed to detect OTUs contributing to the dissimilarities in ileocaecal microbial communities related to host genotype and di-peptidic tryptophan (Trp+) treatments. All significant OTUs are ranked according to their contribution. Average abundance of OTUs in each treatment/genotype group is shown as percentages. Contribution of each OTU to the overall community is also given in %. Bray Curtis dissimilar measures were used to perform the analyses.

OTUs	ACE 2 ^{-y}	ACE 2 ^{-y} + Trp+	ACE 2 ^{+y}	ACE 2 ^{+y} + Trp+	Contribution	Cumulative %
Allobaculum_OTU#288	26.1	0.04	0	0	7.365	8.908
Paludibacter_OTU#1091	0.7	9.4	10.9	17.5	6.351	16.59
Limibacter_OTU#1164	20	1.68	0	0	5.713	23.5
Parasutterella_OTU#1228	1.08	21.5	0	0	5.586	30.26
Parvimonas_OTU#1049	0	0.02	0.025	20.6	5.188	36.53
Allobaculum_OTU#835	0	0	17.9	4.28	4.504	41.98
Barnesiella_OTU#847	2.87	0	9.73	1.76	2.551	45.06
Lactobacillus_OTU#1190	1.3	8.16	0.525	0.14	2.309	47.86
Lactobacillus_OTU#1134	1.87	0	0.725	7.48	2.153	50.46
Ureaplasma_OTU#1212	0.517	7.9	0	0	2.031	52.92
Parasutterella_OTU#1231	4.23	4.26	5.75	3.04	1.9	55.22
Paludibacter_OTU#1221	0.483	5.74	2.23	0.66	1.768	57.36
Paludibacter_OTU#1077	1.25	1.16	5	5.3	1.715	59.43
Tannerella_OTU#1230	1.93	5.06	0.45	0.44	1.441	61.17
Barnesiella_OTU#854	3.03	0	4	0.58	1.332	62.78
Anaerophaga_OTU#1159	4.67	0	0	0	1.315	64.38
Lactobacillus_OTU#1161	0.0667	0	0.175	4.7	1.203	65.83
Limibacter_OTU#273	4.08	0	0	0	1.151	67.22
Paludibacter_OTU#1060	2.53	1.58	2.07	3.72	1.085	68.53
Paludibacter_OTU#1075	0.167	0.68	2.52	3	1.004	69.75
Enterobacter_OTU#1220	0.1	3.84	0	0	0.9893	70.95
Barnesiella_OTU#1055	0.6	0.3	3.5	1.76	0.9379	72.08
Rikenella_OTU#1092	1.53	0.44	3.43	2.68	0.9289	73.2
Barnesiella_OTU#1072	0.4	1.42	0.425	2.28	0.7909	74.16
Roseburia_OTU#1225	0.0167	3.1	0	0	0.7829	75.11
Unclassified_Bacteroidetes_OTU#844	0.0333	0.02	2.88	0.86	0.7604	76.03
Allobaculum_OTU#1165	1.87	0.26	0	0	0.5755	76.72
Rikenella_OTU#1105	0.217	1.32	0.5	1.12	0.5215	77.35

Rikenella_OTU#1089	1.55	0.26	0.975	0.7	0.5168	77.98
Paludibacter_OTU#435	0.233	1.6	0	0	0.4329	78.5
Anaerophaga_OTU#1150	1.33	0	0	0	0.3758	78.96
Paludibacter_OTU#1083	0.683	0.7	0.375	1.24	0.3574	79.39
Allobaculum_OTU#853	0	0	1.3	0.44	0.357	79.82
Paludibacter_OTU#1034	0.2	1.24	0.05	0.2	0.349	80.24
Barnesiella_OTU#802	0.05	0.04	1.4	0.12	0.3148	80.62
Barnesiella_OTU#344	0	1.04	0	0	0.2617	80.94
Paludibacter_OTU#1059	0	0.02	0.925	0.4	0.252	81.25
Limibacter_OTU#434	0.5	0.6	0	0	0.2517	81.55
Rikenella_OTU#886	0	0	0.6	0.68	0.2322	81.83
Paludibacter_OTU#1088	0	0.16	0.725	0.36	0.2201	82.1
Paludibacter_OTU#1043	0	0	0.375	0.68	0.2154	82.36
Barnesiella_OTU#1226	0.667	0.26	0.3	0.22	0.2087	82.61
Anaerophaga_OTU#939	0	0.28	0.375	0.24	0.1752	82.82
Paludibacter_OTU#402	0.0333	0.6	0	0	0.1577	83.01
Paludibacter_OTU#1070	0	0.02	0.575	0.28	0.156	83.2
Dorea_OTU#417	0	0.62	0	0	0.156	83.39
Sporacetigenium_OTU#1179	0	0.62	0	0	0.156	83.58
Bacteroides_OTU#1215	0.0167	0.52	0	0	0.1329	83.74
Paludibacter_OTU#418	0.0167	0.5	0	0	0.1292	83.9
Limibacter_OTU#334	0.25	0.3	0	0	0.1265	84.05
Paludibacter_OTU#734	0	0.16	0.375	0.14	0.1191	84.19
Barnesiella_OTU#1208	0.233	0.3	0	0	0.1138	84.33
Barnesiella_OTU#935	0	0	0.45	0.14	0.1131	84.47
Barnesiella_OTU#841	0.183	0.2	0.125	0.04	0.1074	84.6
Paludibacter_OTU#325	0.367	0.02	0	0	0.105	84.72
Limibacter_OTU#849	0	0	0.4	0.12	0.1027	84.85
Flexithrix_OTU#405	0.0833	0.34	0	0	0.1023	84.97
Paludibacter_OTU#815	0.2	0	0.3	0.04	0.1013	85.1
Bacteroides_OTU#1203	0	0.4	0	0	0.1007	85.22
Paludibacter_OTU#1056	0	0.1	0.05	0.3	0.09664	85.33
Unclassified_Bacteroidales_OTU#879	0	0	0.35	0.12	0.09128	85.44
Paludibacter_OTU#1022	0.0667	0.22	0.1	0.18	0.0906	85.55
Paludibacter_OTU#1204	0.0167	0.02	0.325	0.12	0.09027	85.66
Paludibacter_OTU#1066	0	0	0.15	0.24	0.08054	85.76
Anaerostipes_OTU#1211	0	0.32	0	0	0.08054	85.86
Paludibacter_OTU#1213	0.0167	0.24	0.1	0.1	0.0755	85.95
Barnesiella_OTU#1081	0.0833	0	0.275	0.1	0.07483	86.04
Limibacter_OTU#430	0.0333	0.26	0	0	0.07215	86.13
Paludibacter_OTU#1050	0.0167	0.08	0.025	0.24	0.07114	86.21

Rikenella_OTU#917	0	0.16	0	0.14	0.07081	86.3
Salinibacterium_OTU#708	0	0.08	0.25	0.02	0.06946	86.38
Akkermansia_OTU#1216	0	0.26	0	0	0.06544	86.46
Tannerella_OTU#68	0	0.24	0.025	0	0.0651	86.54
unclassified_Bacteroidales_OTU#1054	0.0333	0.02	0.225	0.12	0.06208	86.62
Rikenella_OTU#658	0	0	0.225	0.08	0.06107	86.69
unclassified_Bacteroidetes_OTU#1096	0	0	0.15	0.14	0.05872	86.76
Allobaculum_OTU#831	0	0	0.2	0.08	0.05772	86.83
Paludibacter_OTU#579	0.167	0	0.1	0	0.05772	86.9
Paludibacter_OTU#910	0	0.12	0.05	0.1	0.05738	86.97
Anaerophaga_OTU#1140	0.2	0	0	0	0.05638	87.04
unclassified_Porphyrimonadaceae_OTU#1155	0.2	0	0	0	0.05638	87.11
Paludibacter_OTU#1102	0.0167	0.16	0.025	0.1	0.05604	87.17
Limibacter_OTU#1038	0.15	0.08	0	0.04	0.05503	87.24
Paludibacter_OTU#1074	0.0333	0.04	0.05	0.18	0.0547	87.31
Parasutterella_OTU#1210	0.05	0.18	0	0	0.05336	87.37
Unclassified_Porphyrimonadaceae_OTU#961	0	0	0.125	0.14	0.05134	87.43
Barnesiella_OTU#689	0	0	0.225	0.02	0.05067	87.49
Bacteroides_OTU#1207	0	0.2	0	0	0.05034	87.56
Anaerophaga_OTU#925	0.0333	0.12	0.075	0.02	0.04866	87.61
Paludibacter_OTU#799	0.117	0.02	0.05	0.06	0.04832	87.67
Paludibacter_OTU#949	0	0.06	0.075	0.1	0.04497	87.73
Allobaculum_OTU#753	0	0	0.175	0.04	0.0443	87.78
Allobaculum_OTU#789	0	0	0.175	0.04	0.0443	87.83
Paludibacter_OTU#834	0	0	0.1	0.1	0.04396	87.89
Enterorhabdus_OTU#330	0.0167	0.16	0	0	0.04362	87.94
Lawsonia_OTU#1227	0.05	0.14	0	0	0.04329	87.99
Paludibacter_OTU#735	0.0667	0	0.15	0	0.04295	88.04
Paludibacter_OTU#403	0.0833	0.1	0	0	0.04262	88.1
Limibacter_OTU#216	0.15	0	0	0	0.04228	88.15
unclassified_Bacteroidales_OTU#1163	0.15	0	0	0	0.04228	88.2
Paludibacter_OTU#1188	0.0333	0.08	0	0.08	0.04161	88.25
Barnesiella_OTU#555	0.133	0	0.025	0	0.04094	88.3
Allobaculum_OTU#758	0	0	0.125	0.06	0.03859	88.34
Paludibacter_OTU#294	0.133	0	0	0	0.03758	88.39
Anaerophaga_OTU#1158	0.133	0	0	0	0.03758	88.44
Limibacter_OTU#1130	0.133	0	0	0	0.03758	88.48
Unclassified_Bacteroidetes_OTU#922	0	0	0.05	0.12	0.03691	88.53
Paludibacter_OTU#905	0.0167	0.02	0	0.12	0.03658	88.57
Paludibacter_OTU#707	0.0333	0	0.15	0	0.03624	88.61
Oscillibacter_OTU#576	0.117	0	0.025	0	0.03624	88.66

Paludibacter_OTU#653	0	0	0.15	0.02	0.03591	88.7
Tannerella_OTU#1076	0.0333	0.1	0	0.02	0.03557	88.74
Rikenella_OTU#1044	0	0	0	0.14	0.03523	88.79
Streptophyta_OTU#340	0	0.14	0	0	0.03523	88.83
Unclassified_Porphyrromonadaceae_OTU#666	0.0833	0.04	0.025	0	0.03423	88.87
Paludibacter_OTU#976	0.05	0.08	0.025	0.04	0.03423	88.91
Allobaculum_OTU#766	0	0	0.125	0.04	0.03356	88.95
Paludibacter_OTU#1003	0.0167	0.04	0.025	0.08	0.03356	88.99
Paludibacter_OTU#906	0	0.1	0.025	0.02	0.03356	89.03
Paludibacter_OTU#1036	0	0.02	0	0.12	0.03322	89.07
Limibacter_OTU#147	0.117	0	0	0	0.03289	89.11
Paludibacter_OTU#1064	0.0167	0	0	0.12	0.03289	89.15
Paludibacter_OTU#199	0.117	0	0	0	0.03289	89.19
Paludibacter_OTU#1047	0	0	0.1	0.06	0.03255	89.23
Paludibacter_OTU#1073	0	0.04	0	0.1	0.03255	89.27
Rikenella_OTU#929	0.05	0	0.075	0.04	0.03221	89.31
unclassified_OTU#1000	0	0.02	0.125	0.02	0.03221	89.35
Anaerophaga_OTU#404	0.05	0.08	0	0	0.03154	89.39
Paludibacter_OTU#712	0.0167	0	0.125	0	0.0302	89.42
Barnesiella_OTU#697	0.0167	0	0.1	0.04	0.0302	89.46
Atopobacter_OTU#397	0	0.12	0	0	0.0302	89.5
Allobaculum_OTU#601	0	0	0.125	0.02	0.02987	89.53
Clostridium_OTU#701	0	0	0.125	0.02	0.02987	89.57
Limibacter_OTU#121	0.0833	0.04	0	0	0.02953	89.61
Paludibacter_OTU#596	0.0333	0	0.05	0.06	0.02919	89.64
Paludibacter_OTU#960	0	0	0.025	0.1	0.02919	89.68
Allobaculum_OTU#571	0	0	0.1	0.04	0.02886	89.71
Paludibacter_OTU#932	0.0167	0	0	0.1	0.02852	89.75
Limibacter_OTU#246	0.1	0	0	0	0.02819	89.78
Paludibacter_OTU#290	0.1	0	0	0	0.02819	89.81
Allobaculum_OTU#1142	0.1	0	0	0	0.02819	89.85
Parasutterella_OTU#1177	0.0333	0.08	0	0	0.02752	89.88
Paludibacter_OTU#767	0.0333	0	0.075	0.02	0.02718	89.91
Paludibacter_OTU#995	0	0.02	0.025	0.08	0.02718	89.95
Limibacter_OTU#328	0.0833	0.02	0	0	0.02718	89.98
Paludibacter_OTU#994	0	0	0.05	0.08	0.02685	90.01
Paludibacter_OTU#725	0	0	0.125	0	0.02685	90.04
Paludibacter_OTU#694	0	0	0.125	0	0.02685	90.08
Anaerophaga_OTU#732	0	0	0.125	0	0.02685	90.11
unclassified_Bacteroidales_OTU#326	0.0833	0.02	0	0	0.02651	90.14
Tannerella_OTU#36	0.0167	0.06	0.025	0.02	0.02617	90.17

Paludibacter_OTU#876	0	0.02	0.075	0.04	0.02584	90.2
Helicobacter_OTU#1214	0.05	0.06	0	0	0.02584	90.24
Paludibacter_OTU#773	0.0167	0	0.1	0.02	0.02517	90.27
Paludibacter_OTU#64	0	0.1	0	0	0.02517	90.3
Paludibacter_OTU#356	0	0.1	0	0	0.02517	90.33
Asaccharobacter_OTU#1063	0	0	0	0.1	0.02517	90.36
Barnesiella_OTU#1189	0	0.1	0	0	0.02517	90.39
Paludibacter_OTU#558	0	0	0.075	0.04	0.02483	90.42
Barnesiella_OTU#850	0	0	0.1	0.02	0.0245	90.45
Rikenella_OTU#687	0.0167	0	0.1	0	0.02416	90.48
Limibacter_OTU#709	0.0167	0	0.1	0	0.02416	90.51
Paludibacter_OTU#1042	0	0.02	0	0.08	0.02383	90.54
Dorea_OTU#983	0	0.06	0	0.04	0.02383	90.56
Paludibacter_OTU#1095	0.0167	0	0.075	0.04	0.02349	90.59
unclassified_Porphyrromonadaceae_OTU#1071	0	0.02	0.05	0.06	0.02349	90.62
Paludibacter_OTU#191	0.0833	0	0	0	0.02349	90.65
Barnesiella_OTU#208	0.0833	0	0	0	0.02349	90.68
Allobaculum_OTU#194	0.0833	0	0	0	0.02349	90.71
Limibacter_OTU#94	0.0833	0	0	0	0.02349	90.73
Limibacter_OTU#433	0.0167	0.08	0	0	0.02349	90.76
Limibacter_OTU#1146	0.0833	0	0	0	0.02349	90.79
Rikenella_OTU#1154	0.0833	0	0	0	0.02349	90.82
Anaerophaga_OTU#1132	0.0833	0	0	0	0.02349	90.85
Paludibacter_OTU#920	0	0	0.05	0.06	0.02315	90.88
Paludibacter_OTU#1196	0.0333	0.06	0	0	0.02315	90.9
Paludibacter_OTU#540	0.0667	0	0.025	0	0.02282	90.93
Barnesiella_OTU#95	0.0167	0.08	0	0	0.02282	90.96
Barnesiella_OTU#894	0.0167	0	0.075	0.02	0.02248	90.99
Limibacter_OTU#318	0.0667	0.02	0	0	0.02248	91.01
Barnesiella_OTU#806	0.0167	0	0.05	0.04	0.02215	91.04
Paludibacter_OTU#808	0.0167	0	0.05	0.04	0.02215	91.07
Paludibacter_OTU#592	0.0667	0	0.025	0	0.02215	91.09
Rikenella_OTU#1002	0	0.02	0.025	0.06	0.02215	91.12
Anaerophaga_OTU#1062	0.0167	0	0.05	0.04	0.02215	91.15
Limibacter_OTU#407	0.0667	0.02	0	0	0.02181	91.17
Paludibacter_OTU#921	0.0167	0	0.025	0.06	0.02181	91.2
Limibacter_OTU#1166	0.0667	0	0.025	0	0.02148	91.23
Barnesiella_OTU#556	0.0167	0	0.075	0	0.02013	91.25
Barnesiella_OTU#748	0.0167	0	0.075	0	0.02013	91.28
Parasutterella_OTU#1217	0	0.08	0	0	0.02013	91.3
Paludibacter_OTU#54	0	0.08	0	0	0.02013	91.32

Paludibacter_OTU#61	0	0.08	0	0	0.02013	91.35
Blautia_OTU#53	0	0.08	0	0	0.02013	91.37
Parabacteroides_OTU#1182	0	0.08	0	0	0.02013	91.4
Thermonema_OTU#866	0	0	0	0.08	0.02013	91.42
Parasutterella_OTU#1232	0	0.08	0	0	0.02013	91.45
Paludibacter_OTU#1206	0	0.02	0.075	0	0.0198	91.47
Unclassified_Bacteroidales_OTU#738	0	0	0.075	0.02	0.0198	91.49
Sporacetigenium_OTU#669	0	0	0.075	0.02	0.0198	91.52
Prevotella_OTU#441	0	0	0.025	0.06	0.0198	91.54
Paludibacter_OTU#721	0	0	0.075	0.02	0.0198	91.57
Rikenella_OTU#1006	0.0333	0	0.025	0.04	0.01946	91.59
Parasutterella_OTU#456	0	0	0.075	0.02	0.01913	91.61
Unclassified_Bacteroidetes_OTU#776	0	0	0.075	0.02	0.01913	91.64
Barnesiella_OTU#690	0	0	0.075	0.02	0.01913	91.66
Paludibacter_OTU#772	0	0	0.075	0.02	0.01913	91.68
Robinsoniella_OTU#1098	0.0167	0.06	0	0	0.01913	91.7
Parasutterella_OTU#275	0.0667	0	0	0	0.01879	91.73
Limibacter_OTU#213	0.0667	0	0	0	0.01879	91.75
Unclassified_Bacteroidetes_OTU#276	0.0667	0	0	0	0.01879	91.77
Limibacter_OTU#281	0.0667	0	0	0	0.01879	91.8
Limibacter_OTU#264	0.0667	0	0	0	0.01879	91.82
Rikenella_OTU#1136	0.0667	0	0	0	0.01879	91.84
Paludibacter_OTU#1078	0	0.02	0	0.06	0.01879	91.86
Allobaculum_OTU#1156	0.0667	0	0	0	0.01879	91.89
Paludibacter_OTU#1147	0.0667	0	0	0	0.01879	91.91
Barnesiella_OTU#804	0.0167	0	0.05	0.02	0.01846	91.93
Paludibacter_OTU#971	0	0.04	0.025	0.02	0.01846	91.95
Unclassified_Porphryomonadaceae_OTU#830	0	0.02	0.025	0.04	0.01846	91.98
Tannerella_OTU#414	0.0167	0.06	0	0	0.01846	92
unclassified_Bacteroidales_OTU#1041	0	0	0.025	0.06	0.01846	92.02
Paludibacter_OTU#364	0.0333	0.04	0	0	0.01812	92.04
Paludibacter_OTU#496	0.05	0	0.025	0	0.01812	92.06
Unclassified_Bacteroidales_OTU#923	0	0	0.05	0.04	0.01812	92.09
Paludibacter_OTU#671	0	0	0.05	0.04	0.01812	92.11
Barnesiella_OTU#848	0.05	0	0	0.02	0.01779	92.13
Tannerella_OTU#343	0.0167	0.06	0	0	0.01779	92.15
Barnesiella_OTU#664	0.0333	0	0.05	0	0.01745	92.17
Unclassified_Bacteroidales_OTU#978	0.0167	0	0.025	0.04	0.01678	92.19
Barnesiella_OTU#816	0.0167	0	0.025	0.04	0.01678	92.21
Unclassified_Bacteroidales_OTU#774	0.0333	0	0.025	0.02	0.01644	92.23
Anaerophaga_OTU#637	0	0	0.075	0	0.01611	92.25

Barnesiella_OTU#606	0	0	0.075	0	0.01611	92.27
Barnesiella_OTU#583	0	0	0.075	0	0.01611	92.29
Paludibacter_OTU#649	0	0	0.075	0	0.01611	92.31
Paludibacter_OTU#642	0	0	0.075	0	0.01611	92.33
Anaerophaga_OTU#722	0	0	0.075	0	0.01611	92.35
Paludibacter_OTU#740	0	0	0.075	0	0.01611	92.37
Paludibacter_OTU#736	0	0	0.075	0	0.01611	92.39
Barnesiella_OTU#475	0	0	0.05	0.02	0.0151	92.41
Barnesiella_OTU#751	0	0	0.05	0.02	0.0151	92.43
Allobaculum_OTU#500	0	0	0.05	0.02	0.0151	92.44
Smithella_OTU#557	0	0.02	0.05	0	0.0151	92.46
Rikenella_OTU#1018	0	0	0	0.06	0.0151	92.48
Paludibacter_OTU#979	0	0	0	0.06	0.0151	92.5
Paludibacter_OTU#1019	0	0	0.05	0.02	0.0151	92.52
Paludibacter_OTU#963	0	0	0.05	0.02	0.0151	92.53
Rikenella_OTU#1051	0	0	0	0.06	0.0151	92.55
Paludibacter_OTU#1025	0	0	0.05	0.02	0.0151	92.57
Anaerophaga_OTU#1082	0	0	0	0.06	0.0151	92.59
Paludibacter_OTU#1029	0	0	0	0.06	0.0151	92.61
Paludibacter_OTU#1080	0	0	0	0.06	0.0151	92.63
Anaerovorax_OTU#381	0	0.06	0	0	0.0151	92.64
Robinsoniella_OTU#400	0	0.06	0	0	0.0151	92.66
Dorea_OTU#1032	0	0	0	0.06	0.0151	92.68
Paludibacter_OTU#867	0	0	0	0.06	0.0151	92.7
Blautia_OTU#47	0	0.06	0	0	0.0151	92.72
Paludibacter_OTU#69	0	0.06	0	0	0.0151	92.74
Paludibacter_OTU#65	0	0.06	0	0	0.0151	92.75
Paludibacter_OTU#40	0	0.06	0	0	0.0151	92.77
Paraprevotella_OTU#1219	0	0.06	0	0	0.0151	92.79
Anaerostipes_OTU#1198	0	0.06	0	0	0.0151	92.81
Barnesiella_OTU#839	0	0	0.025	0.04	0.01477	92.83
Barnesiella_OTU#842	0	0	0.025	0.04	0.01477	92.84
Anaerophaga_OTU#991	0	0	0.025	0.04	0.01477	92.86
Paludibacter_OTU#636	0	0.04	0.025	0	0.01477	92.88
Pseudozobellia_OTU#504	0	0	0.05	0.02	0.01443	92.9
Unclassified_Bacteroidales_OTU#819	0	0	0.05	0.02	0.01443	92.92
Paludibacter_OTU#604	0	0	0.05	0.02	0.01443	92.93
Paludibacter_OTU#975	0	0	0.05	0.02	0.01443	92.95
Unclassified_Bacteroidales_OTU#981	0	0.04	0	0.02	0.01443	92.97
Pseudozobellia_OTU#370	0	0.04	0	0.02	0.01443	92.99
Paludibacter_OTU#1012	0	0.04	0	0.02	0.01443	93

Paludibacter_OTU#230	0.05	0	0	0	0.01409	93.02
Anaerophaga_OTU#992	0	0	0.025	0.04	0.01409	93.04
Paludibacter_OTU#880	0	0	0.025	0.04	0.01409	93.05
Allobaculum_OTU#284	0.05	0	0	0	0.01409	93.07
Barnesiella_OTU#219	0.05	0	0	0	0.01409	93.09
Tannerella_OTU#1026	0	0	0.025	0.04	0.01409	93.1
Paludibacter_OTU#999	0	0	0.025	0.04	0.01409	93.12
Limibacter_OTU#291	0.05	0	0	0	0.01409	93.14
Anaerophaga_OTU#813	0	0	0.025	0.04	0.01409	93.16
Paludibacter_OTU#185	0.05	0	0	0	0.01409	93.17
Limibacter_OTU#279	0.05	0	0	0	0.01409	93.19
Rikenella_OTU#1119	0.05	0	0	0	0.01409	93.21
Eggerthella_OTU#970	0	0	0.025	0.04	0.01409	93.22
Aquiflexum_OTU#158	0.05	0	0	0	0.01409	93.24
Tannerella_OTU#243	0.0167	0.04	0	0	0.01409	93.26
Lactovum_OTU#154	0.05	0	0	0	0.01409	93.28
Paludibacter_OTU#1186	0.0167	0.04	0	0	0.01409	93.29
Limibacter_OTU#1107	0.05	0	0	0	0.01409	93.31
Allobaculum_OTU#1144	0.05	0	0	0	0.01409	93.33
Paludibacter_OTU#136	0.0333	0	0	0.02	0.01376	93.34
Paludibacter_OTU#997	0	0.02	0.025	0.02	0.01342	93.36
Rikenella_OTU#742	0.0333	0	0.025	0	0.01342	93.38
Paludibacter_OTU#317	0.0167	0.04	0	0	0.01342	93.39
Paludibacter_OTU#1053	0	0.02	0.025	0.02	0.01342	93.41
Anaerophaga_OTU#580	0.0167	0.02	0.025	0	0.01309	93.42
Paludibacter_OTU#837	0.0167	0	0.025	0.02	0.01309	93.44
Paludibacter_OTU#829	0.0167	0	0.025	0.02	0.01309	93.46
Paludibacter_OTU#989	0.0167	0	0.025	0.02	0.01309	93.47
Rikenella_OTU#1020	0.0167	0	0.025	0.02	0.01309	93.49
Barnesiella_OTU#528	0	0	0.05	0	0.01074	93.5
Barnesiella_OTU#525	0	0	0.05	0	0.01074	93.51
Paludibacter_OTU#624	0	0	0.05	0	0.01074	93.53
Unclassified_Porphyrimonadaceae_OTU#587	0	0	0.05	0	0.01074	93.54
Barnesiella_OTU#593	0	0	0.05	0	0.01074	93.55
Unclassified_Bacteroidetes_OTU#597	0	0	0.05	0	0.01074	93.57
Barnesiella_OTU#582	0	0	0.05	0	0.01074	93.58
Unclassified_TM7_OTU#503	0	0	0.05	0	0.01074	93.59
Bulleidia_OTU#610	0	0	0.05	0	0.01074	93.6
Barnesiella_OTU#608	0	0	0.05	0	0.01074	93.62
Oscillibacter_OTU#534	0	0	0.05	0	0.01074	93.63
Solobacterium_OTU#598	0	0	0.05	0	0.01074	93.64

Unclassified_Bacteroidetes_OTU#635	0	0	0.05	0	0.01074	93.66
Barnesiella_OTU#628	0	0	0.05	0	0.01074	93.67
Paludibacter_OTU#511	0	0	0.05	0	0.01074	93.68
Tuberibacillus_OTU#584	0	0	0.05	0	0.01074	93.69
Paludibacter_OTU#458	0	0	0.05	0	0.01074	93.71
Paludibacter_OTU#465	0	0	0.05	0	0.01074	93.72
Paludibacter_OTU#657	0	0	0.05	0	0.01074	93.73
Barnesiella_OTU#623	0	0	0.05	0	0.01074	93.75
Solobacterium_OTU#650	0	0	0.05	0	0.01074	93.76
Paludibacter_OTU#619	0	0	0.05	0	0.01074	93.77
Paludibacter_OTU#746	0	0	0.05	0	0.01074	93.79
Barnesiella_OTU#493	0	0	0.05	0	0.01074	93.8
Paludibacter_OTU#685	0	0	0.05	0	0.01074	93.81
Paludibacter_OTU#723	0	0	0.05	0	0.01074	93.82
unclassified_OTU#696	0	0	0.05	0	0.01074	93.84
Allobaculum_OTU#688	0	0	0.05	0	0.01074	93.85
Unclassified_Bacteria_OTU#711	0	0	0.05	0	0.01074	93.86
Unclassified_Bacteroidales_OTU#730	0	0	0.05	0	0.01074	93.88
Barnesiella_OTU#741	0	0	0.05	0	0.01074	93.89
Unclassified_Bacteroidetes_OTU#838	0	0	0	0.04	0.01007	93.9
Paludibacter_OTU#420	0	0.04	0	0	0.01007	93.91
Anaerostipes_OTU#384	0	0.04	0	0	0.01007	93.93
Limibacter_OTU#347	0	0.04	0	0	0.01007	93.94
Barnesiella_OTU#329	0	0.04	0	0	0.01007	93.95
Eggerthella_OTU#314	0	0.04	0	0	0.01007	93.96
Anaerophaga_OTU#1033	0	0	0	0.04	0.01007	93.98
Anaerophaga_OTU#996	0	0	0	0.04	0.01007	93.99
Barnesiella_OTU#310	0	0.04	0	0	0.01007	94
Parasporobacterium_OTU#426	0	0.04	0	0	0.01007	94.01
Coprococcus_OTU#375	0	0.04	0	0	0.01007	94.02
Anaerovorax_OTU#377	0	0.04	0	0	0.01007	94.04
Marvinbryantia_OTU#421	0	0.04	0	0	0.01007	94.05
Mucispirillum_OTU#395	0	0.04	0	0	0.01007	94.06
Unclassified_Clostridia_OTU#392	0	0.04	0	0	0.01007	94.07
Parasutterella_OTU#966	0	0	0	0.04	0.01007	94.08
Unclassified_Bacteroidales_OTU#1004	0	0	0	0.04	0.01007	94.1
Paludibacter_OTU#376	0	0.04	0	0	0.01007	94.11
unclassified_Bacteroidales_OTU#1093	0	0	0	0.04	0.01007	94.12
Dorea_OTU#1086	0	0	0	0.04	0.01007	94.13
Marvinbryantia_OTU#1007	0	0	0	0.04	0.01007	94.15
Paludibacter_OTU#1040	0	0	0	0.04	0.01007	94.16

Barnesiella_OTU#936	0	0	0	0.04	0.01007	94.17
Paludibacter_OTU#52	0	0.04	0	0	0.01007	94.18
Barnesiella_OTU#30	0	0.04	0	0	0.01007	94.19
Paludibacter_OTU#70	0	0.04	0	0	0.01007	94.21
Paludibacter_OTU#67	0	0.04	0	0	0.01007	94.22
Unclassified_Porphyrimonadaceae_OTU#62	0	0.04	0	0	0.01007	94.23
Bacteroides_OTU#1181	0	0.04	0	0	0.01007	94.24
Paludibacter_OTU#63	0	0.04	0	0	0.01007	94.26
Parasutterella_OTU#1222	0	0.04	0	0	0.01007	94.27
Paludibacter_OTU#1193	0	0.04	0	0	0.01007	94.28
Parabacteroides_OTU#1180	0	0.04	0	0	0.01007	94.29
Prevotella_OTU#797	0	0	0.025	0.02	0.009732	94.3
Denitrobacterium_OTU#765	0	0	0.025	0.02	0.009732	94.32
Unclassified_Bacteroidetes_OTU#846	0	0	0.025	0.02	0.009732	94.33
Unclassified_Bacteria_OTU#803	0	0	0.025	0.02	0.009732	94.34
Paludibacter_OTU#790	0	0	0.025	0.02	0.009732	94.35
Butyricimonas_OTU#786	0	0	0.025	0.02	0.009732	94.36
Barnesiella_OTU#833	0	0	0.025	0.02	0.009732	94.37
Paludibacter_OTU#549	0	0.02	0.025	0	0.009732	94.39
Paludibacter_OTU#798	0	0	0.025	0.02	0.009732	94.4
Paludibacter_OTU#783	0	0	0.025	0.02	0.009732	94.41
Unclassified_Bacteroidales_OTU#913	0	0	0.025	0.02	0.009732	94.42
Tannerella_OTU#541	0	0	0.025	0.02	0.009732	94.43
Unclassified_Bacteroidales_OTU#875	0	0	0.025	0.02	0.009732	94.44
unclassified_OTU#1058	0	0	0.025	0.02	0.009732	94.46
Paludibacter_OTU#1085	0	0	0.025	0.02	0.009732	94.47
Paludibacter_OTU#1094	0	0	0.025	0.02	0.009732	94.48
Paludibacter_OTU#1052	0	0	0.025	0.02	0.009732	94.49
Paludibacter_OTU#1048	0	0	0.025	0.02	0.009732	94.5
Paludibacter_OTU#615	0	0	0.025	0.02	0.009732	94.52
Rikenella_OTU#874	0	0	0.025	0.02	0.009732	94.53
Unclassified_Bacteroidales_OTU#902	0	0	0.025	0.02	0.009732	94.54
Paludibacter_OTU#959	0	0	0.025	0.02	0.009732	94.55
Paludibacter_OTU#1087	0	0	0.025	0.02	0.009732	94.56
Anaerophaga_OTU#146	0.0333	0	0	0	0.009396	94.57
Parasutterella_OTU#112	0.0333	0	0	0	0.009396	94.59
Aquiflexum_OTU#135	0.0333	0	0	0	0.009396	94.6
Barnesiella_OTU#480	0.0167	0	0.025	0	0.009396	94.61
Unclassified_Porphyrimonadaceae_OTU#466	0.0167	0	0.025	0	0.009396	94.62
Unclassified_Bacteroidales_OTU#594	0.0167	0	0.025	0	0.009396	94.63
unclassified_OTU#633	0.0167	0	0.025	0	0.009396	94.64

Limibacter_OTU#280	0.0333	0	0	0	0.009396	94.65
Limibacter_OTU#240	0.0333	0	0	0	0.009396	94.66
Barnesiella_OTU#283	0.0333	0	0	0	0.009396	94.68
Unclassified_Bacteroidetes_OTU#187	0.0333	0	0	0	0.009396	94.69
Limibacter_OTU#211	0.0333	0	0	0	0.009396	94.7
Paludibacter_OTU#215	0.0333	0	0	0	0.009396	94.71
Parasutterella_OTU#126	0.0333	0	0	0	0.009396	94.72
Paludibacter_OTU#305	0	0.02	0	0.02	0.009396	94.73
Barnesiella_OTU#713	0.0167	0	0.025	0	0.009396	94.74
Unclassified_Porphyrromonadaceae_OTU#171	0.0333	0	0	0	0.009396	94.76
Paludibacter_OTU#105	0.0333	0	0	0	0.009396	94.77
Barnesiella_OTU#293	0.0333	0	0	0	0.009396	94.78
Paludibacter_OTU#289	0.0333	0	0	0	0.009396	94.79
Unclassified_Bacteroidetes_OTU#134	0.0333	0	0	0	0.009396	94.8
Barnesiella_OTU#236	0.0333	0	0	0	0.009396	94.81
Limibacter_OTU#1151	0.0333	0	0	0	0.009396	94.82
Barnesiella_OTU#257	0.0333	0	0	0	0.009396	94.84
Unclassified_Bacteroidetes_OTU#221	0.0333	0	0	0	0.009396	94.85
Unclassified_Bacteroidales_OTU#228	0.0333	0	0	0	0.009396	94.86
Unclassified_Bacteroidales_OTU#244	0.0333	0	0	0	0.009396	94.87
Paludibacter_OTU#252	0.0333	0	0	0	0.009396	94.88
Unclassified_Porphyrromonadaceae_OTU#268	0.0333	0	0	0	0.009396	94.89
Unclassified_Bacteroidetes_OTU#152	0.0333	0	0	0	0.009396	94.9
Rikenella_OTU#162	0.0333	0	0	0	0.009396	94.91
Diaphorobacter_OTU#172	0.0333	0	0	0	0.009396	94.93
Limibacter_OTU#168	0.0333	0	0	0	0.009396	94.94
Paludibacter_OTU#1113	0.0333	0	0	0	0.009396	94.95
Limibacter_OTU#1141	0.0333	0	0	0	0.009396	94.96
Limibacter_OTU#1103	0.0333	0	0	0	0.009396	94.97
Limibacter_OTU#1148	0.0333	0	0	0	0.009396	94.98
Anaerophaga_OTU#1152	0.0333	0	0	0	0.009396	94.99
Limibacter_OTU#1139	0.0333	0	0	0	0.009396	95.01
Limibacter_OTU#1133	0.0333	0	0	0	0.009396	95.02
Paludibacter_OTU#1126	0.0333	0	0	0	0.009396	95.03
Allobaculum_OTU#1118	0.0333	0	0	0	0.009396	95.04
Limibacter_OTU#337	0.0167	0.02	0	0	0.00906	95.05
Paludibacter_OTU#332	0.0167	0.02	0	0	0.00906	95.06
Unclassified_Bacteroidetes_OTU#333	0.0167	0.02	0	0	0.00906	95.07
Limibacter_OTU#327	0.0167	0.02	0	0	0.00906	95.08
Paludibacter_OTU#415	0.0167	0.02	0	0	0.00906	95.09
Unclassified_Bacteroidales_OTU#382	0.0167	0.02	0	0	0.00906	95.11

Tannerella_OTU#274	0.0167	0.02	0	0	0.00906	95.12
Barnesiella_OTU#1013	0.0167	0	0	0.02	0.00906	95.13
Paludibacter_OTU#965	0.0167	0	0	0.02	0.00906	95.14
Limibacter_OTU#9	0.0167	0.02	0	0	0.00906	95.15
Paludibacter_OTU#7	0.0167	0.02	0	0	0.00906	95.16
unclassified_OTU#903	0.0167	0	0	0.02	0.00906	95.17
Allobaculum_OTU#142	0.0167	0.02	0	0	0.00906	95.18
Paludibacter_OTU#108	0.0167	0.02	0	0	0.00906	95.19
Unclassified_Porphyrromonadaceae_OTU#83	0.0167	0.02	0	0	0.00906	95.2
Paludibacter_OTU#977	0.0167	0	0	0.02	0.00906	95.21
Paludibacter_OTU#106	0.0167	0.02	0	0	0.00906	95.23
Paludibacter_OTU#952	0.0167	0	0	0.02	0.00906	95.24
Paraprevotella_OTU#533	0	0	0.025	0	0.005369	95.24
Anaerophaga_OTU#529	0	0	0.025	0	0.005369	95.25
Paludibacter_OTU#548	0	0	0.025	0	0.005369	95.26
Paludibacter_OTU#553	0	0	0.025	0	0.005369	95.26
Paludibacter_OTU#565	0	0	0.025	0	0.005369	95.27
Paludibacter_OTU#569	0	0	0.025	0	0.005369	95.28
Prevotella_OTU#561	0	0	0.025	0	0.005369	95.28
Barnesiella_OTU#445	0	0	0.025	0	0.005369	95.29
Anaerophaga_OTU#578	0	0	0.025	0	0.005369	95.3
Parasutterella_OTU#577	0	0	0.025	0	0.005369	95.3
Barnesiella_OTU#575	0	0	0.025	0	0.005369	95.31
Paludibacter_OTU#573	0	0	0.025	0	0.005369	95.31
Paludibacter_OTU#572	0	0	0.025	0	0.005369	95.32
Barnesiella_OTU#570	0	0	0.025	0	0.005369	95.33
Anaerophaga_OTU#538	0	0	0.025	0	0.005369	95.33
Paludibacter_OTU#568	0	0	0.025	0	0.005369	95.34
Oscillibacter_OTU#567	0	0	0.025	0	0.005369	95.35
Allobaculum_OTU#566	0	0	0.025	0	0.005369	95.35
Barnesiella_OTU#564	0	0	0.025	0	0.005369	95.36
Barnesiella_OTU#563	0	0	0.025	0	0.005369	95.37
Paludibacter_OTU#562	0	0	0.025	0	0.005369	95.37
Paludibacter_OTU#560	0	0	0.025	0	0.005369	95.38
Paludibacter_OTU#559	0	0	0.025	0	0.005369	95.39
Paludibacter_OTU#554	0	0	0.025	0	0.005369	95.39
Paludibacter_OTU#552	0	0	0.025	0	0.005369	95.4
Syntrophococcus_OTU#551	0	0	0.025	0	0.005369	95.41
Paludibacter_OTU#550	0	0	0.025	0	0.005369	95.41
Paludibacter_OTU#547	0	0	0.025	0	0.005369	95.42
Paludibacter_OTU#546	0	0	0.025	0	0.005369	95.43

Paludibacter_OTU#545	0	0	0.025	0	0.005369	95.43
Barnesiella_OTU#544	0	0	0.025	0	0.005369	95.44
Paludibacter_OTU#543	0	0	0.025	0	0.005369	95.44
Anaerophaga_OTU#542	0	0	0.025	0	0.005369	95.45
Alistipes_OTU#539	0	0	0.025	0	0.005369	95.46
Solobacterium_OTU#537	0	0	0.025	0	0.005369	95.46
Barnesiella_OTU#536	0	0	0.025	0	0.005369	95.47
Barnesiella_OTU#535	0	0	0.025	0	0.005369	95.48
Paludibacter_OTU#532	0	0	0.025	0	0.005369	95.48
Barnesiella_OTU#531	0	0	0.025	0	0.005369	95.49
Paludibacter_OTU#530	0	0	0.025	0	0.005369	95.5
Allobaculum_OTU#527	0	0	0.025	0	0.005369	95.5
Odoribacter_OTU#526	0	0	0.025	0	0.005369	95.51
Paludibacter_OTU#524	0	0	0.025	0	0.005369	95.52
Barnesiella_OTU#523	0	0	0.025	0	0.005369	95.52
Barnesiella_OTU#522	0	0	0.025	0	0.005369	95.53
Paludibacter_OTU#521	0	0	0.025	0	0.005369	95.54
Allobaculum_OTU#520	0	0	0.025	0	0.005369	95.54
Alistipes_OTU#518	0	0	0.025	0	0.005369	95.55
Limibacter_OTU#517	0	0	0.025	0	0.005369	95.56
Roseburia_OTU#516	0	0	0.025	0	0.005369	95.56
Rikenella_OTU#514	0	0	0.025	0	0.005369	95.57
Rikenella_OTU#513	0	0	0.025	0	0.005369	95.57
Alistipes_OTU#512	0	0	0.025	0	0.005369	95.58
Paludibacter_OTU#509	0	0	0.025	0	0.005369	95.59
Barnesiella_OTU#508	0	0	0.025	0	0.005369	95.59
Oscillibacter_OTU#507	0	0	0.025	0	0.005369	95.6
Aquiflexum_OTU#439	0	0	0.025	0	0.005369	95.61
Sharpea_OTU#442	0	0	0.025	0	0.005369	95.61
Xylanibacter_OTU#444	0	0	0.025	0	0.005369	95.62
Paludibacter_OTU#443	0	0	0.025	0	0.005369	95.63
Allobaculum_OTU#574	0	0	0.025	0	0.005369	95.63
Paludibacter_OTU#486	0	0	0.025	0	0.005369	95.64
Allobaculum_OTU#488	0	0	0.025	0	0.005369	95.65
Oscillibacter_OTU#448	0	0	0.025	0	0.005369	95.65
Paludibacter_OTU#490	0	0	0.025	0	0.005369	95.66
Rikenella_OTU#489	0	0	0.025	0	0.005369	95.67
Paludibacter_OTU#495	0	0	0.025	0	0.005369	95.67
Acetitomaculum_OTU#484	0	0	0.025	0	0.005369	95.68
Paludibacter_OTU#450	0	0	0.025	0	0.005369	95.69
Paludibacter_OTU#446	0	0	0.025	0	0.005369	95.69

Paludibacter_OTU#457	0	0	0.025	0	0.005369	95.7
Garciella_OTU#454	0	0	0.025	0	0.005369	95.7
Rikenella_OTU#461	0	0	0.025	0	0.005369	95.71
Paludibacter_OTU#460	0	0	0.025	0	0.005369	95.72
Parasutterella_OTU#501	0	0	0.025	0	0.005369	95.72
Paludibacter_OTU#463	0	0	0.025	0	0.005369	95.73
Paludibacter_OTU#482	0	0	0.025	0	0.005369	95.74
Paludibacter_OTU#472	0	0	0.025	0	0.005369	95.74
Paludibacter_OTU#479	0	0	0.025	0	0.005369	95.75
Rikenella_OTU#477	0	0	0.025	0	0.005369	95.76
Paludibacter_OTU#470	0	0	0.025	0	0.005369	95.76
Solobacterium_OTU#510	0	0	0.025	0	0.005369	95.77
Barnesiella_OTU#515	0	0	0.025	0	0.005369	95.78
Paludibacter_OTU#519	0	0	0.025	0	0.005369	95.78
Rikenella_OTU#505	0	0	0.025	0	0.005369	95.79
Tepidanaerobacter_OTU#502	0	0	0.025	0	0.005369	95.8
Allobaculum_OTU#498	0	0	0.025	0	0.005369	95.8
Allobaculum_OTU#497	0	0	0.025	0	0.005369	95.81
Allobaculum_OTU#494	0	0	0.025	0	0.005369	95.81
Rikenella_OTU#492	0	0	0.025	0	0.005369	95.82
Solobacterium_OTU#491	0	0	0.025	0	0.005369	95.83
Sharpea_OTU#487	0	0	0.025	0	0.005369	95.83
Allobaculum_OTU#485	0	0	0.025	0	0.005369	95.84
Paraprevotella_OTU#483	0	0	0.025	0	0.005369	95.85
Paludibacter_OTU#481	0	0	0.025	0	0.005369	95.85
Oscillibacter_OTU#499	0	0	0.025	0	0.005369	95.86
Anaerophaga_OTU#478	0	0	0.025	0	0.005369	95.87
Limibacter_OTU#506	0	0	0.025	0	0.005369	95.87
Paludibacter_OTU#476	0	0	0.025	0	0.005369	95.88
Paludibacter_OTU#474	0	0	0.025	0	0.005369	95.89
Barnesiella_OTU#473	0	0	0.025	0	0.005369	95.89
Butyrlicimonas_OTU#471	0	0	0.025	0	0.005369	95.9
Tannerella_OTU#469	0	0	0.025	0	0.005369	95.91
Roseburia_OTU#467	0	0	0.025	0	0.005369	95.91
Barnesiella_OTU#464	0	0	0.025	0	0.005369	95.92
Paludibacter_OTU#462	0	0	0.025	0	0.005369	95.93
Paludibacter_OTU#459	0	0	0.025	0	0.005369	95.93
Paludibacter_OTU#455	0	0	0.025	0	0.005369	95.94
Xylanibacter_OTU#453	0	0	0.025	0	0.005369	95.94
Limibacter_OTU#452	0	0	0.025	0	0.005369	95.95
Allobaculum_OTU#451	0	0	0.025	0	0.005369	95.96

Allobaculum_OTU#449	0	0	0.025	0	0.005369	95.96
Rikenella_OTU#447	0	0	0.025	0	0.005369	95.97
Paraprevotella_OTU#440	0	0	0.025	0	0.005369	95.98
Barnesiella_OTU#438	0	0	0.025	0	0.005369	95.98
Paludibacter_OTU#437	0	0	0.025	0	0.005369	95.99
Tannerella_OTU#468	0	0	0.025	0	0.005369	96
Paludibacter_OTU#602	0	0	0.025	0	0.005369	96
Roseburia_OTU#599	0	0	0.025	0	0.005369	96.01
Limibacter_OTU#595	0	0	0.025	0	0.005369	96.02
Tannerella_OTU#591	0	0	0.025	0	0.005369	96.02
Paludibacter_OTU#590	0	0	0.025	0	0.005369	96.03
Paludibacter_OTU#589	0	0	0.025	0	0.005369	96.04
Robinsoniella_OTU#588	0	0	0.025	0	0.005369	96.04
Limibacter_OTU#586	0	0	0.025	0	0.005369	96.05
Tuberibacillus_OTU#585	0	0	0.025	0	0.005369	96.06
Paludibacter_OTU#581	0	0	0.025	0	0.005369	96.06
Allobaculum_OTU#600	0	0	0.025	0	0.005369	96.07
Barnesiella_OTU#603	0	0	0.025	0	0.005369	96.07
Paludibacter_OTU#607	0	0	0.025	0	0.005369	96.08
Tannerella_OTU#605	0	0	0.025	0	0.005369	96.09
Barnesiella_OTU#609	0	0	0.025	0	0.005369	96.09
Paludibacter_OTU#611	0	0	0.025	0	0.005369	96.1
Rikenella_OTU#613	0	0	0.025	0	0.005369	96.11
Barnesiella_OTU#614	0	0	0.025	0	0.005369	96.11
Anaerophaga_OTU#616	0	0	0.025	0	0.005369	96.12
Rikenella_OTU#648	0	0	0.025	0	0.005369	96.13
Tannerella_OTU#617	0	0	0.025	0	0.005369	96.13
Paludibacter_OTU#665	0	0	0.025	0	0.005369	96.14
Allobaculum_OTU#667	0	0	0.025	0	0.005369	96.15
Anaerophaga_OTU#643	0	0	0.025	0	0.005369	96.15
Allobaculum_OTU#644	0	0	0.025	0	0.005369	96.16
Rikenella_OTU#655	0	0	0.025	0	0.005369	96.17
Paludibacter_OTU#612	0	0	0.025	0	0.005369	96.17
Anaerophaga_OTU#663	0	0	0.025	0	0.005369	96.18
Paludibacter_OTU#662	0	0	0.025	0	0.005369	96.19
Paludibacter_OTU#661	0	0	0.025	0	0.005369	96.19
Paludibacter_OTU#660	0	0	0.025	0	0.005369	96.2
Paludibacter_OTU#659	0	0	0.025	0	0.005369	96.2
Paludibacter_OTU#654	0	0	0.025	0	0.005369	96.21
Paludibacter_OTU#647	0	0	0.025	0	0.005369	96.22
Anaerophaga_OTU#656	0	0	0.025	0	0.005369	96.22

Paludibacter_OTU#651	0	0	0.025	0	0.005369	96.23
Aminiphilus_OTU#652	0	0	0.025	0	0.005369	96.24
Barnesiella_OTU#646	0	0	0.025	0	0.005369	96.24
Paludibacter_OTU#645	0	0	0.025	0	0.005369	96.25
Rikenella_OTU#641	0	0	0.025	0	0.005369	96.26
Paludibacter_OTU#640	0	0	0.025	0	0.005369	96.26
Tuberibacillus_OTU#639	0	0	0.025	0	0.005369	96.27
Allobaculum_OTU#638	0	0	0.025	0	0.005369	96.28
Paludibacter_OTU#634	0	0	0.025	0	0.005369	96.28
Anaerophaga_OTU#632	0	0	0.025	0	0.005369	96.29
Peptococcus_OTU#631	0	0	0.025	0	0.005369	96.3
Paludibacter_OTU#630	0	0	0.025	0	0.005369	96.3
Paludibacter_OTU#629	0	0	0.025	0	0.005369	96.31
Paludibacter_OTU#627	0	0	0.025	0	0.005369	96.31
Paludibacter_OTU#626	0	0	0.025	0	0.005369	96.32
Paludibacter_OTU#625	0	0	0.025	0	0.005369	96.33
Paludibacter_OTU#622	0	0	0.025	0	0.005369	96.33
Barnesiella_OTU#621	0	0	0.025	0	0.005369	96.34
Barnesiella_OTU#620	0	0	0.025	0	0.005369	96.35
Rikenella_OTU#618	0	0	0.025	0	0.005369	96.35
Paludibacter_OTU#686	0	0	0.025	0	0.005369	96.36
Paludibacter_OTU#684	0	0	0.025	0	0.005369	96.37
Paludibacter_OTU#683	0	0	0.025	0	0.005369	96.37
Barnesiella_OTU#692	0	0	0.025	0	0.005369	96.38
Limibacter_OTU#695	0	0	0.025	0	0.005369	96.39
Paludibacter_OTU#693	0	0	0.025	0	0.005369	96.39
Limibacter_OTU#700	0	0	0.025	0	0.005369	96.4
Paludibacter_OTU#705	0	0	0.025	0	0.005369	96.41
Paludibacter_OTU#704	0	0	0.025	0	0.005369	96.41
Paludibacter_OTU#706	0	0	0.025	0	0.005369	96.42
Barnesiella_OTU#702	0	0	0.025	0	0.005369	96.43
Barnesiella_OTU#676	0	0	0.025	0	0.005369	96.43
Barnesiella_OTU#677	0	0	0.025	0	0.005369	96.44
Rikenella_OTU#679	0	0	0.025	0	0.005369	96.44
Paludibacter_OTU#680	0	0	0.025	0	0.005369	96.45
Anaerophaga_OTU#681	0	0	0.025	0	0.005369	96.46
Paludibacter_OTU#749	0	0	0.025	0	0.005369	96.46
Paludibacter_OTU#747	0	0	0.025	0	0.005369	96.47
Barnesiella_OTU#745	0	0	0.025	0	0.005369	96.48
Barnesiella_OTU#744	0	0	0.025	0	0.005369	96.48
Pseudozobellia_OTU#743	0	0	0.025	0	0.005369	96.49

Limibacter_OTU#739	0	0	0.025	0	0.005369	96.5
Paludibacter_OTU#737	0	0	0.025	0	0.005369	96.5
Paludibacter_OTU#733	0	0	0.025	0	0.005369	96.51
Paludibacter_OTU#731	0	0	0.025	0	0.005369	96.52
Barnesiella_OTU#729	0	0	0.025	0	0.005369	96.52
Alistipes_OTU#728	0	0	0.025	0	0.005369	96.53
Paludibacter_OTU#727	0	0	0.025	0	0.005369	96.54
Paludibacter_OTU#726	0	0	0.025	0	0.005369	96.54
Paludibacter_OTU#724	0	0	0.025	0	0.005369	96.55
Paludibacter_OTU#720	0	0	0.025	0	0.005369	96.56
Paludibacter_OTU#719	0	0	0.025	0	0.005369	96.56
Dorea_OTU#718	0	0	0.025	0	0.005369	96.57
Paludibacter_OTU#717	0	0	0.025	0	0.005369	96.57
Paludibacter_OTU#716	0	0	0.025	0	0.005369	96.58
Barnesiella_OTU#715	0	0	0.025	0	0.005369	96.59
Proteiniphilum_OTU#714	0	0	0.025	0	0.005369	96.59
Barnesiella_OTU#710	0	0	0.025	0	0.005369	96.6
Dorea_OTU#703	0	0	0.025	0	0.005369	96.61
Anaerophaga_OTU#699	0	0	0.025	0	0.005369	96.61
Denitrobacterium_OTU#698	0	0	0.025	0	0.005369	96.62
Paludibacter_OTU#691	0	0	0.025	0	0.005369	96.63
Paludibacter_OTU#682	0	0	0.025	0	0.005369	96.63
Paludibacter_OTU#678	0	0	0.025	0	0.005369	96.64
Barnesiella_OTU#675	0	0	0.025	0	0.005369	96.65
Limibacter_OTU#674	0	0	0.025	0	0.005369	96.65
Paludibacter_OTU#673	0	0	0.025	0	0.005369	96.66
Rikenella_OTU#672	0	0	0.025	0	0.005369	96.67
Paludibacter_OTU#670	0	0	0.025	0	0.005369	96.67
Paludibacter_OTU#668	0	0	0.025	0	0.005369	96.68
Paludibacter_OTU#855	0	0	0	0.02	0.005034	96.68
Parasutterella_OTU#852	0	0	0	0.02	0.005034	96.69
Paludibacter_OTU#840	0	0	0	0.02	0.005034	96.7
Tannerella_OTU#828	0	0	0	0.02	0.005034	96.7
Paludibacter_OTU#824	0	0	0	0.02	0.005034	96.71
Barnesiella_OTU#821	0	0	0	0.02	0.005034	96.72
Bulleidia_OTU#820	0	0	0	0.02	0.005034	96.72
Paludibacter_OTU#818	0	0	0	0.02	0.005034	96.73
Barnesiella_OTU#817	0	0	0	0.02	0.005034	96.73
Paludibacter_OTU#814	0	0	0	0.02	0.005034	96.74
Limibacter_OTU#812	0	0	0	0.02	0.005034	96.75
Oscillibacter_OTU#811	0	0	0	0.02	0.005034	96.75

Barnesiella_OTU#810	0	0	0	0.02	0.005034	96.76
Alistipes_OTU#809	0	0	0	0.02	0.005034	96.76
Paludibacter_OTU#807	0	0	0	0.02	0.005034	96.77
Paraprevotella_OTU#805	0	0	0	0.02	0.005034	96.78
Paludibacter_OTU#801	0	0	0	0.02	0.005034	96.78
Barnesiella_OTU#800	0	0	0	0.02	0.005034	96.79
Paludibacter_OTU#796	0	0	0	0.02	0.005034	96.79
Barnesiella_OTU#795	0	0	0	0.02	0.005034	96.8
Paludibacter_OTU#794	0	0	0	0.02	0.005034	96.81
Allobaculum_OTU#793	0	0	0	0.02	0.005034	96.81
Barnesiella_OTU#792	0	0	0	0.02	0.005034	96.82
Paludibacter_OTU#791	0	0	0	0.02	0.005034	96.82
Rikenella_OTU#788	0	0	0	0.02	0.005034	96.83
Paludibacter_OTU#787	0	0	0	0.02	0.005034	96.84
Paludibacter_OTU#785	0	0	0	0.02	0.005034	96.84
Denitrobacterium_OTU#784	0	0	0	0.02	0.005034	96.85
Paludibacter_OTU#782	0	0	0	0.02	0.005034	96.86
Paludibacter_OTU#781	0	0	0	0.02	0.005034	96.86
Hallella_OTU#780	0	0	0	0.02	0.005034	96.87
Barnesiella_OTU#779	0	0	0	0.02	0.005034	96.87
Barnesiella_OTU#778	0	0	0	0.02	0.005034	96.88
Butyricimonas_OTU#777	0	0	0	0.02	0.005034	96.89
Limibacter_OTU#775	0	0	0	0.02	0.005034	96.89
Paludibacter_OTU#771	0	0	0	0.02	0.005034	96.9
Rikenella_OTU#770	0	0	0	0.02	0.005034	96.9
Rikenella_OTU#769	0	0	0	0.02	0.005034	96.91
Rikenella_OTU#768	0	0	0	0.02	0.005034	96.92
Rikenella_OTU#764	0	0	0	0.02	0.005034	96.92
Barnesiella_OTU#763	0	0	0	0.02	0.005034	96.93
Paludibacter_OTU#762	0	0	0	0.02	0.005034	96.93
Paludibacter_OTU#761	0	0	0	0.02	0.005034	96.94
Limibacter_OTU#760	0	0	0	0.02	0.005034	96.95
Paludibacter_OTU#759	0	0	0	0.02	0.005034	96.95
Barnesiella_OTU#757	0	0	0	0.02	0.005034	96.96
Barnesiella_OTU#756	0	0	0	0.02	0.005034	96.96
Paludibacter_OTU#755	0	0	0	0.02	0.005034	96.97
Turicibacter_OTU#754	0	0	0	0.02	0.005034	96.98
Paludibacter_OTU#752	0	0	0	0.02	0.005034	96.98
Barnesiella_OTU#750	0	0	0	0.02	0.005034	96.99
Tannerella_OTU#822	0	0	0	0.02	0.005034	97
Schwartzia_OTU#825	0	0	0	0.02	0.005034	97

Rikenella_OTU#826	0	0	0	0.02	0.005034	97.01
Pseudozobellia_OTU#827	0	0	0	0.02	0.005034	97.01
Paludibacter_OTU#836	0	0	0	0.02	0.005034	97.02
Paludibacter_OTU#832	0	0	0	0.02	0.005034	97.03
Limibacter_OTU#843	0	0	0	0.02	0.005034	97.03
Barnesiella_OTU#851	0	0	0	0.02	0.005034	97.04
Paludibacter_OTU#845	0	0	0	0.02	0.005034	97.04
Barnesiella_OTU#856	0	0	0	0.02	0.005034	97.05
Paludibacter_OTU#823	0	0	0	0.02	0.005034	97.06
Parasutterella_OTU#324	0	0.02	0	0	0.005034	97.06
Barnesiella_OTU#342	0	0.02	0	0	0.005034	97.07
Barnesiella_OTU#357	0	0.02	0	0	0.005034	97.07
Paludibacter_OTU#361	0	0.02	0	0	0.005034	97.08
Rikenella_OTU#352	0	0.02	0	0	0.005034	97.09
Hallella_OTU#931	0	0	0	0.02	0.005034	97.09
Paludibacter_OTU#930	0	0	0	0.02	0.005034	97.1
Tannerella_OTU#927	0	0	0	0.02	0.005034	97.1
Barnesiella_OTU#926	0	0	0	0.02	0.005034	97.11
Paludibacter_OTU#924	0	0	0	0.02	0.005034	97.12
Paludibacter_OTU#919	0	0	0	0.02	0.005034	97.12
Paludibacter_OTU#918	0	0	0	0.02	0.005034	97.13
Paludibacter_OTU#916	0	0	0	0.02	0.005034	97.14
Paludibacter_OTU#915	0	0	0	0.02	0.005034	97.14
Rikenella_OTU#912	0	0	0	0.02	0.005034	97.15
Tannerella_OTU#911	0	0	0	0.02	0.005034	97.15
Barnesiella_OTU#909	0	0	0	0.02	0.005034	97.16
Zhangella_OTU#907	0	0	0	0.02	0.005034	97.17
Paludibacter_OTU#904	0	0	0	0.02	0.005034	97.17
Tannerella_OTU#901	0	0	0	0.02	0.005034	97.18
Paludibacter_OTU#899	0	0	0	0.02	0.005034	97.18
Paludibacter_OTU#898	0	0	0	0.02	0.005034	97.19
Paludibacter_OTU#897	0	0	0	0.02	0.005034	97.2
Rikenella_OTU#896	0	0	0	0.02	0.005034	97.2
Paludibacter_OTU#895	0	0	0	0.02	0.005034	97.21
Limibacter_OTU#893	0	0	0	0.02	0.005034	97.21
Peptococcus_OTU#892	0	0	0	0.02	0.005034	97.22
Pseudozobellia_OTU#890	0	0	0	0.02	0.005034	97.23
Barnesiella_OTU#889	0	0	0	0.02	0.005034	97.23
Paludibacter_OTU#888	0	0	0	0.02	0.005034	97.24
Paludibacter_OTU#885	0	0	0	0.02	0.005034	97.24
Barnesiella_OTU#884	0	0	0	0.02	0.005034	97.25

Paludibacter_OTU#883	0	0	0	0.02	0.005034	97.26
Anaerophaga_OTU#881	0	0	0	0.02	0.005034	97.26
Tannerella_OTU#878	0	0	0	0.02	0.005034	97.27
Paludibacter_OTU#877	0	0	0	0.02	0.005034	97.28
Paludibacter_OTU#873	0	0	0	0.02	0.005034	97.28
Limibacter_OTU#872	0	0	0	0.02	0.005034	97.29
Blautia_OTU#871	0	0	0	0.02	0.005034	97.29
Barnesiella_OTU#870	0	0	0	0.02	0.005034	97.3
Barnesiella_OTU#869	0	0	0	0.02	0.005034	97.31
Anaerophaga_OTU#868	0	0	0	0.02	0.005034	97.31
Alkaliflexus_OTU#304	0	0.02	0	0	0.005034	97.32
Enterorhabdus_OTU#309	0	0.02	0	0	0.005034	97.32
Paludibacter_OTU#362	0	0.02	0	0	0.005034	97.33
Coprococcus_OTU#360	0	0.02	0	0	0.005034	97.34
Adlercreutzia_OTU#359	0	0.02	0	0	0.005034	97.34
Dorea_OTU#358	0	0.02	0	0	0.005034	97.35
Adlercreutzia_OTU#355	0	0.02	0	0	0.005034	97.35
Paludibacter_OTU#354	0	0.02	0	0	0.005034	97.36
Ureaplasma_OTU#353	0	0.02	0	0	0.005034	97.37
Parasutterella_OTU#351	0	0.02	0	0	0.005034	97.37
Alistipes_OTU#350	0	0.02	0	0	0.005034	97.38
Limibacter_OTU#349	0	0.02	0	0	0.005034	97.38
Barnesiella_OTU#348	0	0.02	0	0	0.005034	97.39
Paludibacter_OTU#346	0	0.02	0	0	0.005034	97.4
Paludibacter_OTU#345	0	0.02	0	0	0.005034	97.4
Paludibacter_OTU#341	0	0.02	0	0	0.005034	97.41
Barnesiella_OTU#339	0	0.02	0	0	0.005034	97.42
Parasutterella_OTU#338	0	0.02	0	0	0.005034	97.42
Paludibacter_OTU#336	0	0.02	0	0	0.005034	97.43
Paludibacter_OTU#335	0	0.02	0	0	0.005034	97.43
Parasutterella_OTU#331	0	0.02	0	0	0.005034	97.44
Limibacter_OTU#323	0	0.02	0	0	0.005034	97.45
Paludibacter_OTU#322	0	0.02	0	0	0.005034	97.45
Barnesiella_OTU#321	0	0.02	0	0	0.005034	97.46
Limibacter_OTU#320	0	0.02	0	0	0.005034	97.46
Parasutterella_OTU#319	0	0.02	0	0	0.005034	97.47
Barnesiella_OTU#316	0	0.02	0	0	0.005034	97.48
Anaerotruncus_OTU#315	0	0.02	0	0	0.005034	97.48
Barnesiella_OTU#313	0	0.02	0	0	0.005034	97.49
Parasutterella_OTU#312	0	0.02	0	0	0.005034	97.49
Paludibacter_OTU#311	0	0.02	0	0	0.005034	97.5

Paludibacter_OTU#308	0	0.02	0	0	0.005034	97.51
Streptophyta_OTU#307	0	0.02	0	0	0.005034	97.51
Streptococcus_OTU#306	0	0.02	0	0	0.005034	97.52
Paludibacter_OTU#303	0	0.02	0	0	0.005034	97.52
Limibacter_OTU#302	0	0.02	0	0	0.005034	97.53
Paludibacter_OTU#301	0	0.02	0	0	0.005034	97.54
Blautia_OTU#300	0	0.02	0	0	0.005034	97.54
Limibacter_OTU#299	0	0.02	0	0	0.005034	97.55
Adlercreutzia_OTU#298	0	0.02	0	0	0.005034	97.56
Paludibacter_OTU#297	0	0.02	0	0	0.005034	97.56
Lawsonia_OTU#296	0	0.02	0	0	0.005034	97.57
Paludibacter_OTU#887	0	0	0	0.02	0.005034	97.57
Butyricimonas_OTU#891	0	0	0	0.02	0.005034	97.58
Aquiflexum_OTU#908	0	0	0	0.02	0.005034	97.59
Barnesiella_OTU#900	0	0	0	0.02	0.005034	97.59
Paludibacter_OTU#882	0	0	0	0.02	0.005034	97.6
Anaerophaga_OTU#914	0	0	0	0.02	0.005034	97.6
Paludibacter_OTU#928	0	0	0	0.02	0.005034	97.61
Anaerophaga_OTU#968	0	0	0	0.02	0.005034	97.62
Paludibacter_OTU#964	0	0	0	0.02	0.005034	97.62
Paludibacter_OTU#958	0	0	0	0.02	0.005034	97.63
Paludibacter_OTU#954	0	0	0	0.02	0.005034	97.63
Ethanoligenens_OTU#951	0	0	0	0.02	0.005034	97.64
Paludibacter_OTU#950	0	0	0	0.02	0.005034	97.65
Paludibacter_OTU#948	0	0	0	0.02	0.005034	97.65
Rikenella_OTU#946	0	0	0	0.02	0.005034	97.66
Barnesiella_OTU#944	0	0	0	0.02	0.005034	97.66
Anaerophaga_OTU#942	0	0	0	0.02	0.005034	97.67
Paludibacter_OTU#940	0	0	0	0.02	0.005034	97.68
Paludibacter_OTU#937	0	0	0	0.02	0.005034	97.68
Paludibacter_OTU#933	0	0	0	0.02	0.005034	97.69
Prevotella_OTU#934	0	0	0	0.02	0.005034	97.7
Paludibacter_OTU#943	0	0	0	0.02	0.005034	97.7
Rikenella_OTU#941	0	0	0	0.02	0.005034	97.71
Rikenella_OTU#947	0	0	0	0.02	0.005034	97.71
Barnesiella_OTU#945	0	0	0	0.02	0.005034	97.72
Anaerophaga_OTU#938	0	0	0	0.02	0.005034	97.73
Paludibacter_OTU#957	0	0	0	0.02	0.005034	97.73
Salsuginibacillus_OTU#956	0	0	0	0.02	0.005034	97.74
Parasutterella_OTU#955	0	0	0	0.02	0.005034	97.74
Barnesiella_OTU#953	0	0	0	0.02	0.005034	97.75

Paludibacter_OTU#972	0	0	0	0.02	0.005034	97.76
Paludibacter_OTU#969	0	0	0	0.02	0.005034	97.76
Paludibacter_OTU#984	0	0	0	0.02	0.005034	97.77
Anaerotruncus_OTU#436	0	0.02	0	0	0.005034	97.77
Anaerophaga_OTU#988	0	0	0	0.02	0.005034	97.78
Paludibacter_OTU#973	0	0	0	0.02	0.005034	97.79
Paludibacter_OTU#967	0	0	0	0.02	0.005034	97.79
Lachnobacterium_OTU#368	0	0.02	0	0	0.005034	97.8
Anaerotruncus_OTU#380	0	0.02	0	0	0.005034	97.8
Acetitomaculum_OTU#371	0	0.02	0	0	0.005034	97.81
Dorea_OTU#390	0	0.02	0	0	0.005034	97.82
Paludibacter_OTU#432	0	0.02	0	0	0.005034	97.82
Paludibacter_OTU#431	0	0.02	0	0	0.005034	97.83
Limibacter_OTU#429	0	0.02	0	0	0.005034	97.84
Flexithrix_OTU#428	0	0.02	0	0	0.005034	97.84
Paludibacter_OTU#427	0	0.02	0	0	0.005034	97.85
Coprococcus_OTU#425	0	0.02	0	0	0.005034	97.85
Syntrophococcus_OTU#422	0	0.02	0	0	0.005034	97.86
Paludibacter_OTU#416	0	0.02	0	0	0.005034	97.87
Hallella_OTU#412	0	0.02	0	0	0.005034	97.87
Paludibacter_OTU#398	0	0.02	0	0	0.005034	97.88
Anaerotruncus_OTU#410	0	0.02	0	0	0.005034	97.88
Roseburia_OTU#408	0	0.02	0	0	0.005034	97.89
Limibacter_OTU#401	0	0.02	0	0	0.005034	97.9
Syntrophococcus_OTU#399	0	0.02	0	0	0.005034	97.9
Paludibacter_OTU#394	0	0.02	0	0	0.005034	97.91
Paludibacter_OTU#409	0	0.02	0	0	0.005034	97.91
Paludibacter_OTU#396	0	0.02	0	0	0.005034	97.92
Anaerostipes_OTU#393	0	0.02	0	0	0.005034	97.93
Unclassified_TM7_OTU#391	0	0.02	0	0	0.005034	97.93
Dorea_OTU#406	0	0.02	0	0	0.005034	97.94
Anaerotruncus_OTU#389	0	0.02	0	0	0.005034	97.94
Dorea_OTU#388	0	0.02	0	0	0.005034	97.95
Coprococcus_OTU#387	0	0.02	0	0	0.005034	97.96
Dorea_OTU#386	0	0.02	0	0	0.005034	97.96
Paludibacter_OTU#385	0	0.02	0	0	0.005034	97.97
Anaerophaga_OTU#383	0	0.02	0	0	0.005034	97.98
Limibacter_OTU#411	0	0.02	0	0	0.005034	97.98
Roseburia_OTU#379	0	0.02	0	0	0.005034	97.99
Lactonifactor_OTU#378	0	0.02	0	0	0.005034	97.99
Syntrophococcus_OTU#374	0	0.02	0	0	0.005034	98

Paludibacter_OTU#373	0	0.02	0	0	0.005034	98.01
Marvinbryantia_OTU#372	0	0.02	0	0	0.005034	98.01
Limibacter_OTU#419	0	0.02	0	0	0.005034	98.02
Tannerella_OTU#369	0	0.02	0	0	0.005034	98.02
Unclassified_TM7_OTU#367	0	0.02	0	0	0.005034	98.03
Roseburia_OTU#424	0	0.02	0	0	0.005034	98.04
Limibacter_OTU#366	0	0.02	0	0	0.005034	98.04
Oscillibacter_OTU#365	0	0.02	0	0	0.005034	98.05
Roseburia_OTU#363	0	0.02	0	0	0.005034	98.05
Proteiniphilum_OTU#423	0	0.02	0	0	0.005034	98.06
Robinsoniella_OTU#413	0	0.02	0	0	0.005034	98.07
Anaerophaga_OTU#993	0	0	0	0.02	0.005034	98.07
Paludibacter_OTU#990	0	0	0	0.02	0.005034	98.08
Anaerophaga_OTU#962	0	0	0	0.02	0.005034	98.09
Paludibacter_OTU#987	0	0	0	0.02	0.005034	98.09
Blautia_OTU#986	0	0	0	0.02	0.005034	98.1
Asaccharobacter_OTU#985	0	0	0	0.02	0.005034	98.1
Dorea_OTU#982	0	0	0	0.02	0.005034	98.11
Barnesiella_OTU#980	0	0	0	0.02	0.005034	98.12
Paludibacter_OTU#974	0	0	0	0.02	0.005034	98.12
Coprococcus_OTU#1090	0	0	0	0.02	0.005034	98.13
Paludibacter_OTU#1084	0	0	0	0.02	0.005034	98.13
Dorea_OTU#1079	0	0	0	0.02	0.005034	98.14
Peptococcus_OTU#1068	0	0	0	0.02	0.005034	98.15
Thermonema_OTU#1067	0	0	0	0.02	0.005034	98.15
Paludibacter_OTU#1065	0	0	0	0.02	0.005034	98.16
Paludibacter_OTU#1057	0	0	0	0.02	0.005034	98.16
Dorea_OTU#1046	0	0	0	0.02	0.005034	98.17
Rikenella_OTU#1045	0	0	0	0.02	0.005034	98.18
Proteiniphilum_OTU#1039	0	0	0	0.02	0.005034	98.18
Paludibacter_OTU#1037	0	0	0	0.02	0.005034	98.19
Paludibacter_OTU#1035	0	0	0	0.02	0.005034	98.19
Tannerella_OTU#1031	0	0	0	0.02	0.005034	98.2
Paludibacter_OTU#1030	0	0	0	0.02	0.005034	98.21
Barnesiella_OTU#1028	0	0	0	0.02	0.005034	98.21
Tannerella_OTU#1027	0	0	0	0.02	0.005034	98.22
Paludibacter_OTU#1024	0	0	0	0.02	0.005034	98.23
Paludibacter_OTU#1023	0	0	0	0.02	0.005034	98.23
Parasporobacterium_OTU#1021	0	0	0	0.02	0.005034	98.24
Limibacter_OTU#1017	0	0	0	0.02	0.005034	98.24
Dorea_OTU#1016	0	0	0	0.02	0.005034	98.25

Paludibacter_OTU#1015	0	0	0	0.02	0.005034	98.26
Rikenella_OTU#1014	0	0	0	0.02	0.005034	98.26
Papillibacter_OTU#1011	0	0	0	0.02	0.005034	98.27
Paludibacter_OTU#1061	0	0	0	0.02	0.005034	98.27
Pseudozobellia_OTU#1010	0	0	0	0.02	0.005034	98.28
Barnesiella_OTU#1009	0	0	0	0.02	0.005034	98.29
Howardella_OTU#1008	0	0	0	0.02	0.005034	98.29
Paludibacter_OTU#1069	0	0	0	0.02	0.005034	98.3
Barnesiella_OTU#1005	0	0	0	0.02	0.005034	98.3
Tannerella_OTU#1001	0	0	0	0.02	0.005034	98.31
Dorea_OTU#998	0	0	0	0.02	0.005034	98.32
Paludibacter_OTU#39	0	0.02	0	0	0.005034	98.32
Tannerella_OTU#38	0	0.02	0	0	0.005034	98.33
Paludibacter_OTU#37	0	0.02	0	0	0.005034	98.33
Paludibacter_OTU#35	0	0.02	0	0	0.005034	98.34
Barnesiella_OTU#34	0	0.02	0	0	0.005034	98.35
Rikenella_OTU#33	0	0.02	0	0	0.005034	98.35
Paludibacter_OTU#32	0	0.02	0	0	0.005034	98.36
Roseburia_OTU#31	0	0.02	0	0	0.005034	98.37
Paludibacter_OTU#29	0	0.02	0	0	0.005034	98.37
Paludibacter_OTU#28	0	0.02	0	0	0.005034	98.38
Paludibacter_OTU#27	0	0.02	0	0	0.005034	98.38
Limibacter_OTU#26	0	0.02	0	0	0.005034	98.39
Paludibacter_OTU#25	0	0.02	0	0	0.005034	98.4
Paludibacter_OTU#24	0	0.02	0	0	0.005034	98.4
Paludibacter_OTU#23	0	0.02	0	0	0.005034	98.41
Anaerophaga_OTU#22	0	0.02	0	0	0.005034	98.41
Paludibacter_OTU#72	0	0.02	0	0	0.005034	98.42
Paludibacter_OTU#71	0	0.02	0	0	0.005034	98.43
Barnesiella_OTU#66	0	0.02	0	0	0.005034	98.43
Paludibacter_OTU#60	0	0.02	0	0	0.005034	98.44
Paludibacter_OTU#59	0	0.02	0	0	0.005034	98.44
Paludibacter_OTU#58	0	0.02	0	0	0.005034	98.45
Paraprevotella_OTU#57	0	0.02	0	0	0.005034	98.46
Paludibacter_OTU#56	0	0.02	0	0	0.005034	98.46
Bacteroides_OTU#55	0	0.02	0	0	0.005034	98.47
Paludibacter_OTU#51	0	0.02	0	0	0.005034	98.47
Paludibacter_OTU#50	0	0.02	0	0	0.005034	98.48
Tannerella_OTU#49	0	0.02	0	0	0.005034	98.49
Paludibacter_OTU#48	0	0.02	0	0	0.005034	98.49
Paludibacter_OTU#46	0	0.02	0	0	0.005034	98.5

Paludibacter_OTU#45	0	0.02	0	0	0.005034	98.51
Paludibacter_OTU#44	0	0.02	0	0	0.005034	98.51
Paludibacter_OTU#43	0	0.02	0	0	0.005034	98.52
Paludibacter_OTU#42	0	0.02	0	0	0.005034	98.52
Paludibacter_OTU#41	0	0.02	0	0	0.005034	98.53
Paludibacter_OTU#1229	0	0.02	0	0	0.005034	98.54
Pseudozobellia_OTU#1224	0	0.02	0	0	0.005034	98.54
Escherichia/Shigella_OTU#1223	0	0.02	0	0	0.005034	98.55
Paludibacter_OTU#1218	0	0.02	0	0	0.005034	98.55
Paludibacter_OTU#1209	0	0.02	0	0	0.005034	98.56
Parasutterella_OTU#1205	0	0.02	0	0	0.005034	98.57
Parasutterella_OTU#1202	0	0.02	0	0	0.005034	98.57
Paludibacter_OTU#1201	0	0.02	0	0	0.005034	98.58
Parasutterella_OTU#1200	0	0.02	0	0	0.005034	98.58
Bacteroides_OTU#1199	0	0.02	0	0	0.005034	98.59
Paludibacter_OTU#1197	0	0.02	0	0	0.005034	98.6
Parabacteroides_OTU#1195	0	0.02	0	0	0.005034	98.6
Pseudozobellia_OTU#1194	0	0.02	0	0	0.005034	98.61
Escherichia/Shigella_OTU#1192	0	0.02	0	0	0.005034	98.61
Paludibacter_OTU#1191	0	0.02	0	0	0.005034	98.62
Paludibacter_OTU#1187	0	0.02	0	0	0.005034	98.63
Parabacteroides_OTU#1185	0	0.02	0	0	0.005034	98.63
Tannerella_OTU#1184	0	0.02	0	0	0.005034	98.64
Paludibacter_OTU#1183	0	0.02	0	0	0.005034	98.65
Tannerella_OTU#1178	0	0.02	0	0	0.005034	98.65
Paludibacter_OTU#1176	0	0.02	0	0	0.005034	98.66
Lactobacillus_OTU#1175	0	0.02	0	0	0.005034	98.66
Barnesiella_OTU#1174	0	0.02	0	0	0.005034	98.67
Mucispirillum_OTU#1173	0	0.02	0	0	0.005034	98.68
Parasutterella_OTU#1172	0	0.02	0	0	0.005034	98.68
Ureaplasma_OTU#1171	0	0.02	0	0	0.005034	98.69
Roseburia_OTU#1170	0	0.02	0	0	0.005034	98.69
Alistipes_OTU#1169	0	0.02	0	0	0.005034	98.7
Barnesiella_OTU#1168	0	0.02	0	0	0.005034	98.71
Paludibacter_OTU#1167	0	0.02	0	0	0.005034	98.71
Paludibacter_OTU#865	0	0	0	0.02	0.005034	98.72
Paludibacter_OTU#864	0	0	0	0.02	0.005034	98.72
Lactobacillus_OTU#863	0	0	0	0.02	0.005034	98.73
Porphyromonadaceae_OTU#862	0	0	0	0.02	0.005034	98.74
Parvimonas_OTU#861	0	0	0	0.02	0.005034	98.74
Parvimonas_OTU#860	0	0	0	0.02	0.005034	98.75

Finegoldia_OTU#859	0	0	0	0.02	0.005034	98.75
Hallella_OTU#858	0	0	0	0.02	0.005034	98.76
Paludibacter_OTU#857	0	0	0	0.02	0.005034	98.77
Limibacter_OTU#145	0.0167	0	0	0	0.004698	98.77
Barnesiella_OTU#144	0.0167	0	0	0	0.004698	98.78
Paludibacter_OTU#143	0.0167	0	0	0	0.004698	98.78
Barnesiella_OTU#141	0.0167	0	0	0	0.004698	98.79
Paludibacter_OTU#140	0.0167	0	0	0	0.004698	98.8
Paludibacter_OTU#139	0.0167	0	0	0	0.004698	98.8
Allobaculum_OTU#138	0.0167	0	0	0	0.004698	98.81
Limibacter_OTU#137	0.0167	0	0	0	0.004698	98.81
Paludibacter_OTU#133	0.0167	0	0	0	0.004698	98.82
Barnesiella_OTU#132	0.0167	0	0	0	0.004698	98.82
Paludibacter_OTU#131	0.0167	0	0	0	0.004698	98.83
Paludibacter_OTU#130	0.0167	0	0	0	0.004698	98.84
Paludibacter_OTU#129	0.0167	0	0	0	0.004698	98.84
Paludibacter_OTU#128	0.0167	0	0	0	0.004698	98.85
Limibacter_OTU#127	0.0167	0	0	0	0.004698	98.85
Barnesiella_OTU#125	0.0167	0	0	0	0.004698	98.86
Anaerophaga_OTU#124	0.0167	0	0	0	0.004698	98.86
Paludibacter_OTU#123	0.0167	0	0	0	0.004698	98.87
Barnesiella_OTU#122	0.0167	0	0	0	0.004698	98.87
Barnesiella_OTU#120	0.0167	0	0	0	0.004698	98.88
Paludibacter_OTU#119	0.0167	0	0	0	0.004698	98.89
Rikenella_OTU#118	0.0167	0	0	0	0.004698	98.89
Paludibacter_OTU#117	0.0167	0	0	0	0.004698	98.9
Anaerophaga_OTU#116	0.0167	0	0	0	0.004698	98.9
Alistipes_OTU#115	0.0167	0	0	0	0.004698	98.91
Allobaculum_OTU#114	0.0167	0	0	0	0.004698	98.91
Paludibacter_OTU#113	0.0167	0	0	0	0.004698	98.92
Parasutterella_OTU#111	0.0167	0	0	0	0.004698	98.93
Rikenella_OTU#110	0.0167	0	0	0	0.004698	98.93
Paludibacter_OTU#109	0.0167	0	0	0	0.004698	98.94
Anaerophaga_OTU#107	0.0167	0	0	0	0.004698	98.94
Limibacter_OTU#104	0.0167	0	0	0	0.004698	98.95
Paludibacter_OTU#103	0.0167	0	0	0	0.004698	98.95
Allobaculum_OTU#102	0.0167	0	0	0	0.004698	98.96
Lawsonia_OTU#101	0.0167	0	0	0	0.004698	98.97
Paludibacter_OTU#100	0.0167	0	0	0	0.004698	98.97
Anaerophaga_OTU#99	0.0167	0	0	0	0.004698	98.98
Allobaculum_OTU#98	0.0167	0	0	0	0.004698	98.98

Paludibacter_OTU#97	0.0167	0	0	0	0.004698	98.99
Paludibacter_OTU#96	0.0167	0	0	0	0.004698	98.99
Anaerophaga_OTU#93	0.0167	0	0	0	0.004698	99
Barnesiella_OTU#92	0.0167	0	0	0	0.004698	99.01
Paludibacter_OTU#91	0.0167	0	0	0	0.004698	99.01
Paludibacter_OTU#90	0.0167	0	0	0	0.004698	99.02
Anaerophaga_OTU#89	0.0167	0	0	0	0.004698	99.02
Paludibacter_OTU#88	0.0167	0	0	0	0.004698	99.03
Paludibacter_OTU#87	0.0167	0	0	0	0.004698	99.03
Paludibacter_OTU#86	0.0167	0	0	0	0.004698	99.04
Paludibacter_OTU#85	0.0167	0	0	0	0.004698	99.05
Tannerella_OTU#84	0.0167	0	0	0	0.004698	99.05
Paludibacter_OTU#82	0.0167	0	0	0	0.004698	99.06
Paludibacter_OTU#81	0.0167	0	0	0	0.004698	99.06
Paludibacter_OTU#80	0.0167	0	0	0	0.004698	99.07
Limibacter_OTU#79	0.0167	0	0	0	0.004698	99.07
Anaerophaga_OTU#78	0.0167	0	0	0	0.004698	99.08
Flagellimonas_OTU#77	0.0167	0	0	0	0.004698	99.09
Anaerophaga_OTU#76	0.0167	0	0	0	0.004698	99.09
Kordia_OTU#75	0.0167	0	0	0	0.004698	99.1
Limibacter_OTU#74	0.0167	0	0	0	0.004698	99.1
Limibacter_OTU#73	0.0167	0	0	0	0.004698	99.11
Barnesiella_OTU#234	0.0167	0	0	0	0.004698	99.11
Paludibacter_OTU#233	0.0167	0	0	0	0.004698	99.12
Limibacter_OTU#232	0.0167	0	0	0	0.004698	99.12
Limibacter_OTU#231	0.0167	0	0	0	0.004698	99.13
Limibacter_OTU#229	0.0167	0	0	0	0.004698	99.14
Tannerella_OTU#227	0.0167	0	0	0	0.004698	99.14
Barnesiella_OTU#226	0.0167	0	0	0	0.004698	99.15
Parasutterella_OTU#225	0.0167	0	0	0	0.004698	99.15
Paludibacter_OTU#224	0.0167	0	0	0	0.004698	99.16
Paludibacter_OTU#223	0.0167	0	0	0	0.004698	99.16
Rikenella_OTU#222	0.0167	0	0	0	0.004698	99.17
Rikenella_OTU#220	0.0167	0	0	0	0.004698	99.18
Limibacter_OTU#218	0.0167	0	0	0	0.004698	99.18
Allobaculum_OTU#217	0.0167	0	0	0	0.004698	99.19
Aquiflexum_OTU#214	0.0167	0	0	0	0.004698	99.19
Paludibacter_OTU#212	0.0167	0	0	0	0.004698	99.2
Limibacter_OTU#210	0.0167	0	0	0	0.004698	99.2
Barnesiella_OTU#209	0.0167	0	0	0	0.004698	99.21
Limibacter_OTU#207	0.0167	0	0	0	0.004698	99.22

Allobaculum_OTU#206	0.0167	0	0	0	0.004698	99.22
Limibacter_OTU#205	0.0167	0	0	0	0.004698	99.23
Barnesiella_OTU#204	0.0167	0	0	0	0.004698	99.23
Limibacter_OTU#203	0.0167	0	0	0	0.004698	99.24
Rikenella_OTU#202	0.0167	0	0	0	0.004698	99.24
Allobaculum_OTU#201	0.0167	0	0	0	0.004698	99.25
Paludibacter_OTU#200	0.0167	0	0	0	0.004698	99.26
Paludibacter_OTU#198	0.0167	0	0	0	0.004698	99.26
Barnesiella_OTU#197	0.0167	0	0	0	0.004698	99.27
Paludibacter_OTU#196	0.0167	0	0	0	0.004698	99.27
Anaerophaga_OTU#195	0.0167	0	0	0	0.004698	99.28
Barnesiella_OTU#193	0.0167	0	0	0	0.004698	99.28
Paludibacter_OTU#192	0.0167	0	0	0	0.004698	99.29
Allobaculum_OTU#190	0.0167	0	0	0	0.004698	99.3
Paludibacter_OTU#189	0.0167	0	0	0	0.004698	99.3
Unclassified_TM7_OTU#188	0.0167	0	0	0	0.004698	99.31
Belliella_OTU#186	0.0167	0	0	0	0.004698	99.31
Paludibacter_OTU#184	0.0167	0	0	0	0.004698	99.32
Paludibacter_OTU#183	0.0167	0	0	0	0.004698	99.32
Paludibacter_OTU#182	0.0167	0	0	0	0.004698	99.33
Barnesiella_OTU#181	0.0167	0	0	0	0.004698	99.34
Paludibacter_OTU#180	0.0167	0	0	0	0.004698	99.34
Barnesiella_OTU#179	0.0167	0	0	0	0.004698	99.35
Paludibacter_OTU#295	0.0167	0	0	0	0.004698	99.35
Limibacter_OTU#292	0.0167	0	0	0	0.004698	99.36
Paludibacter_OTU#287	0.0167	0	0	0	0.004698	99.36
Limibacter_OTU#286	0.0167	0	0	0	0.004698	99.37
Rikenella_OTU#285	0.0167	0	0	0	0.004698	99.37
Barnesiella_OTU#282	0.0167	0	0	0	0.004698	99.38
Xylanibacter_OTU#278	0.0167	0	0	0	0.004698	99.39
Tannerella_OTU#277	0.0167	0	0	0	0.004698	99.39
Rikenella_OTU#272	0.0167	0	0	0	0.004698	99.4
Barnesiella_OTU#271	0.0167	0	0	0	0.004698	99.4
Allobaculum_OTU#270	0.0167	0	0	0	0.004698	99.41
Paludibacter_OTU#269	0.0167	0	0	0	0.004698	99.41
Hallella_OTU#267	0.0167	0	0	0	0.004698	99.42
Ureaplasma_OTU#266	0.0167	0	0	0	0.004698	99.43
Barnesiella_OTU#265	0.0167	0	0	0	0.004698	99.43
Barnesiella_OTU#263	0.0167	0	0	0	0.004698	99.44
Barnesiella_OTU#262	0.0167	0	0	0	0.004698	99.44
Paludibacter_OTU#261	0.0167	0	0	0	0.004698	99.45

Paludibacter_OTU#260	0.0167	0	0	0	0.004698	99.45
Rikenella_OTU#259	0.0167	0	0	0	0.004698	99.46
Tannerella_OTU#258	0.0167	0	0	0	0.004698	99.47
Allobaculum_OTU#256	0.0167	0	0	0	0.004698	99.47
Anaerophaga_OTU#255	0.0167	0	0	0	0.004698	99.48
Paludibacter_OTU#254	0.0167	0	0	0	0.004698	99.48
Barnesiella_OTU#253	0.0167	0	0	0	0.004698	99.49
Paludibacter_OTU#251	0.0167	0	0	0	0.004698	99.49
Paludibacter_OTU#250	0.0167	0	0	0	0.004698	99.5
Limibacter_OTU#249	0.0167	0	0	0	0.004698	99.51
Barnesiella_OTU#248	0.0167	0	0	0	0.004698	99.51
Hallella_OTU#247	0.0167	0	0	0	0.004698	99.52
Paludibacter_OTU#245	0.0167	0	0	0	0.004698	99.52
Parasutterella_OTU#242	0.0167	0	0	0	0.004698	99.53
Tannerella_OTU#241	0.0167	0	0	0	0.004698	99.53
Paludibacter_OTU#239	0.0167	0	0	0	0.004698	99.54
Staphylococcus_OTU#238	0.0167	0	0	0	0.004698	99.55
Barnesiella_OTU#237	0.0167	0	0	0	0.004698	99.55
Limibacter_OTU#235	0.0167	0	0	0	0.004698	99.56
Limibacter_OTU#21	0.0167	0	0	0	0.004698	99.56
Paludibacter_OTU#20	0.0167	0	0	0	0.004698	99.57
Paludibacter_OTU#19	0.0167	0	0	0	0.004698	99.57
Limibacter_OTU#178	0.0167	0	0	0	0.004698	99.58
Paludibacter_OTU#177	0.0167	0	0	0	0.004698	99.59
Allobaculum_OTU#176	0.0167	0	0	0	0.004698	99.59
Barnesiella_OTU#18	0.0167	0	0	0	0.004698	99.6
Paraprevotella_OTU#175	0.0167	0	0	0	0.004698	99.6
Anaerophaga_OTU#174	0.0167	0	0	0	0.004698	99.61
Allobaculum_OTU#173	0.0167	0	0	0	0.004698	99.61
Allobaculum_OTU#17	0.0167	0	0	0	0.004698	99.62
Parasutterella_OTU#170	0.0167	0	0	0	0.004698	99.62
Limibacter_OTU#169	0.0167	0	0	0	0.004698	99.63
Allobaculum_OTU#167	0.0167	0	0	0	0.004698	99.64
Rikenella_OTU#16	0.0167	0	0	0	0.004698	99.64
Allobaculum_OTU#166	0.0167	0	0	0	0.004698	99.65
Limibacter_OTU#165	0.0167	0	0	0	0.004698	99.65
Paludibacter_OTU#164	0.0167	0	0	0	0.004698	99.66
Limibacter_OTU#163	0.0167	0	0	0	0.004698	99.66
Allobaculum_OTU#15	0.0167	0	0	0	0.004698	99.67
Allobaculum_OTU#161	0.0167	0	0	0	0.004698	99.68
Paludibacter_OTU#160	0.0167	0	0	0	0.004698	99.68

Anaerophaga_OTU#159	0.0167	0	0	0	0.004698	99.69
Barnesiella_OTU#14	0.0167	0	0	0	0.004698	99.69
Rikenella_OTU#157	0.0167	0	0	0	0.004698	99.7
Limibacter_OTU#156	0.0167	0	0	0	0.004698	99.7
Paludibacter_OTU#155	0.0167	0	0	0	0.004698	99.71
Limibacter_OTU#13	0.0167	0	0	0	0.004698	99.72
Parasutterella_OTU#153	0.0167	0	0	0	0.004698	99.72
Limibacter_OTU#151	0.0167	0	0	0	0.004698	99.73
Paludibacter_OTU#150	0.0167	0	0	0	0.004698	99.73
Dorea_OTU#12	0.0167	0	0	0	0.004698	99.74
Rikenella_OTU#149	0.0167	0	0	0	0.004698	99.74
Limibacter_OTU#148	0.0167	0	0	0	0.004698	99.75
Paludibacter_OTU#11	0.0167	0	0	0	0.004698	99.76
Costertonia_OTU#10	0.0167	0	0	0	0.004698	99.76
Barnesiella_OTU#8	0.0167	0	0	0	0.004698	99.77
Paludibacter_OTU#6	0.0167	0	0	0	0.004698	99.77
Allobaculum_OTU#5	0.0167	0	0	0	0.004698	99.78
Paludibacter_OTU#4	0.0167	0	0	0	0.004698	99.78
Rikenella_OTU#3	0.0167	0	0	0	0.004698	99.79
Barnesiella_OTU#2	0.0167	0	0	0	0.004698	99.8
Paludibacter_OTU#1	0.0167	0	0	0	0.004698	99.8
Parasutterella_OTU#1162	0.0167	0	0	0	0.004698	99.81
Limibacter_OTU#1160	0.0167	0	0	0	0.004698	99.81
Rikenella_OTU#1157	0.0167	0	0	0	0.004698	99.82
Paludibacter_OTU#1153	0.0167	0	0	0	0.004698	99.82
Allobaculum_OTU#1149	0.0167	0	0	0	0.004698	99.83
Proteiniphilum_OTU#1145	0.0167	0	0	0	0.004698	99.84
Paludibacter_OTU#1143	0.0167	0	0	0	0.004698	99.84
Limibacter_OTU#1138	0.0167	0	0	0	0.004698	99.85
Anaerophaga_OTU#1137	0.0167	0	0	0	0.004698	99.85
Limibacter_OTU#1135	0.0167	0	0	0	0.004698	99.86
Lactobacillus_OTU#1131	0.0167	0	0	0	0.004698	99.86
Paludibacter_OTU#1129	0.0167	0	0	0	0.004698	99.87
Allobaculum_OTU#1128	0.0167	0	0	0	0.004698	99.87
Limibacter_OTU#1127	0.0167	0	0	0	0.004698	99.88
Limibacter_OTU#1125	0.0167	0	0	0	0.004698	99.89
Limibacter_OTU#1124	0.0167	0	0	0	0.004698	99.89
Limibacter_OTU#1123	0.0167	0	0	0	0.004698	99.9
Allobaculum_OTU#1122	0.0167	0	0	0	0.004698	99.9
Blautia_OTU#1121	0.0167	0	0	0	0.004698	99.91
Rikenella_OTU#1120	0.0167	0	0	0	0.004698	99.91

Allobaculum_OTU#1117	0.0167	0	0	0	0.004698	99.92
Lactobacillus_OTU#1116	0.0167	0	0	0	0.004698	99.93
Limibacter_OTU#1115	0.0167	0	0	0	0.004698	99.93
Allobaculum_OTU#1114	0.0167	0	0	0	0.004698	99.94
Lawsonia_OTU#1112	0.0167	0	0	0	0.004698	99.94
Paludibacter_OTU#1111	0.0167	0	0	0	0.004698	99.95
Limibacter_OTU#1110	0.0167	0	0	0	0.004698	99.95
Tannerella_OTU#1109	0.0167	0	0	0	0.004698	99.96
Paludibacter_OTU#1108	0.0167	0	0	0	0.004698	99.97
Paludibacter_OTU#1106	0.0167	0	0	0	0.004698	99.97
Paludibacter_OTU#1104	0.0167	0	0	0	0.004698	99.98
Anaerophaga_OTU#1101	0.0167	0	0	0	0.004698	99.98
Anaerophaga_OTU#1100	0.0167	0	0	0	0.004698	99.99
Allobaculum_OTU#1099	0.0167	0	0	0	0.004698	99.99
Limibacter_OTU#1097	0.0167	0	0	0	0.004698	100

Supplementary Table 3. OTUs in *Ace2*^{+y} and *Ace2*^{-y} mice with or without rapamycin (RAPA) treatment.

Data are shown as the number of occurrences for each OTU detected by 454 sequencing.

OTUs	<i>Ace2</i> ^{-y} #1	<i>Ace2</i> ^{-y} #2	<i>Ace2</i> ^{-y} #3	<i>Ace2</i> ^{-y} #4	<i>Ace2</i> ^{+y} #1	<i>Ace2</i> ^{+y} #2	<i>Ace2</i> ^{+y} #3	<i>Ace2</i> ^{+y} #4	<i>Ace2</i> ^{+y} #5	<i>Ace2</i> ^{+y} + RAPA # 1	<i>Ace2</i> ^{+y} + RAPA # 2	<i>Ace2</i> ^{+y} + RAPA # 3	<i>Ace2</i> ^{+y} + RAPA # 4	<i>Ace2</i> ^{+y} + RAPA # 5
Limibacter_OTU#1	217	267	283	288	127	117	178	169	196	118	134	106	106	126
unclassified Porphyromonadaceae_OTU#2	43	18	57	22	3	3	5	2	22	10	6	9	5	5
Allobaculum_OTU#3	27	35	14	29	7	2	3	6	32	0	2	3	4	3
unclassified Porphyromonadaceae_OTU#4	6	3	1	5	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#5	28	10	19	18	1	1	0	1	17	1	8	3	1	1
Paraprevotella_OTU#6	5	2	4	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#7	2	2	0	0	0	1	0	0	2	0	1	1	2	4
Anaerophaga_OTU#8	32	14	16	25	8	4	2	3	3	11	12	8	20	10
Paludibacter_OTU#9	102	43	76	81	28	24	17	14	17	30	24	29	26	13
Paludibacter_OTU#10	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#11	21	8	15	22	3	5	5	4	4	6	5	2	4	2
Paludibacter_OTU#12	6	3	4	4	1	4	3	0	20	5	7	5	1	4
Allobaculum_OTU#13	8	17	11	11	1	2	0	0	7	0	1	0	0	1
Coprococcus_OTU#14	2	1	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#15	6	4	0	4	0	2	2	3	1	2	2	5	0	2
Allobaculum_OTU#16	20	37	40	18	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#17	16	24	19	19	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#18	20	9	11	29	1	8	16	9	5	12	9	10	10	12
Anaerophaga_OTU#19	13	12	4	2	7	1	4	3	1	4	2	0	6	2
Barnesiella_OTU#20	1	0	0	0	0	0	0	0	0	0	0	0	0	0

Tannerella_OTU#21	14	9	13	5	121	160	85	82	49	106	116	157	99	44
Rikenella_OTU#22	17	13	33	17	7	17	14	6	4	5	13	9	9	8
Parasutterella_OTU#23	49	19	42	54	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#24	2	0	0	3	1	1	0	0	0	1	1	1	1	0
Limibacter_OTU#25	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#26	18	10	16	7	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#27	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#28	1	0	1	2	0	0	0	0	0	0	0	0	0	0
Ralstonia_OTU#29	1	0	0	1	0	0	1	0	0	1	0	0	0	0
Lactobacillus_OTU#30	10	3	4	9	3	1	0	1	18	6	45	45	21	32
Barnesiella_OTU#31	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#32	8	0	0	1	1	2	0	0	0	5	2	3	0	0
Paludibacter_OTU#33	5	2	5	1	1	0	0	1	4	2	0	1	0	0
Dichelobacter_OTU#34	3	1	0	2	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#35	23	1	8	8	122	111	107	98	38	94	93	61	69	101
Barnesiella_OTU#36	1	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#37	16	17	8	13	53	88	58	63	10	50	36	33	13	48
Lachnobacterium_OTU#38	9	43	6	6	0	0	0	0	1	1	0	0	0	0
Coproccoccus_OTU#39	2	5	2	0	0	0	3	0	11	0	0	0	0	0
Paludibacter_OTU#40	35	16	8	13	18	34	23	28	6	61	36	38	20	71
unclassified Bacteroidales_OTU#41	1	1	1	2	0	0	0	1	0	2	0	3	1	2
Paludibacter_OTU#42	2	0	1	1	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#43	6	2	5	8	3	4	3	2	1	6	6	5	4	4
Paludibacter_OTU#44	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#45	2	0	1	1	1	3	0	0	0	2	0	0	0	0
Barnesiella_OTU#46	6	5	8	6	0	1	2	2	2	4	1	4	2	2
Anaerophaga_OTU#47	1	0	0	0	0	0	0	0	0	0	0	1	0	0
Limibacter_OTU#48	1	3	0	2	1	2	1	0	0	2	0	2	1	3
Limibacter_OTU#49	1	0	1	0	0	0	0	1	2	0	0	0	0	1
Lactobacillus_OTU#50	13	17	19	50	14	3	31	36	0	10	82	53	4	170

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Tannerella_OTU#51	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#52	3	5	1	0	0	0	3	0	0	0	0	0	0	0
Flexithrix_OTU#53	4	3	0	1	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#54	1	0	0	0	0	0	0	1	0	0	0	0	0	0
Parasutterella_OTU#55	25	25	26	41	92	40	24	19	39	20	10	34	24	7
Lawsonia_OTU#56	2	1	0	0	2	0	0	0	0	0	0	0	0	1
Limibacter_OTU#57	1	0	1	3	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#58	1	0	0	1	0	1	0	0	0	1	0	0	0	0
Anaerophaga_OTU#59	3	2	5	4	5	0	0	0	1	0	1	1	1	0
unclassified Porphyromonadaceae_OTU#60	1	0	2	1	0	0	0	0	0	0	0	0	0	0
Paraprevotella_OTU#61	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#62	1	0	1	1	0	0	0	0	0	0	0	0	0	0
Helicobacter_OTU#63	2	95	2	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#64	1	3	3	1	0	0	0	0	0	0	1	1	1	0
Paludibacter_OTU#65	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#66	1	0	2	0	0	1	0	0	0	4	2	1	4	2
Paludibacter_OTU#67	3	0	0	1	4	7	4	3	5	5	6	2	7	4
Paludibacter_OTU#68	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#69	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Parabacteroides_OTU#70	1	0	0	0	0	0	0	0	2	4	0	3	0	0
Bacteroides_OTU#71	3	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#72	1	2	1	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#73	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#74	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Olsenella_OTU#75	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#76	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#77	1	0	0	1	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#78	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#79	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#80	1	0	0	0	1	3	1	0	2	4	2	5	4	0

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Paludibacter_OTU#81	1	0	0	6	0	1	2	0	1	0	1	0	0	2
Ureaplasma_OTU#82	7	8	8	4	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#83	1	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#84	2	1	0	1	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#85	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#86	1	0	2	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#87	1	0	0	0	1	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#88	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#89	2	2	3	2	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#90	1	0	0	0	1	0	0	0	0	0	2	1	1	0
Lawsonia_OTU#91	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerotruncus_OTU#92	1	1	0	1	0	0	1	4	1	2	0	0	0	0
Paludibacter_OTU#93	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Tannerella_OTU#94	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#95	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#96	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#97	1	0	1	1	0	0	0	0	0	0	0	0	0	0
Butyricicoccus_OTU#98	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Barnesiella_OTU#99	1	0	1	0	1	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#100	1	1	0	0	1	1	0	0	0	0	0	0	1	0
Paludibacter_OTU#101	1	0	0	0	0	0	0	0	0	0	1	0	0	0
unclassified Bacteroidetes_OTU#102	1	0	1	0	0	0	0	0	0	0	0	0	2	0
Paludibacter_OTU#103	1	0	3	2	0	2	0	2	4	3	0	2	1	0
Paludibacter_OTU#104	1	0	2	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#105	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#106	1	0	1	0	0	0	1	0	0	1	0	1	0	0
Paludibacter_OTU#107	1	1	1	0	1	3	1	1	0	4	1	1	1	1
Anaerophaga_OTU#108	1	0	1	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#109	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#110	3	4	1	2	3	1	3	1	0	4	2	2	2	0

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Paludibacter_OTU#111	1	0	1	1	0	0	0	1	0	0	0	2	0	0
Limibacter_OTU#112	1	0	0	0	1	0	1	0	1	0	3	0	1	1
Butyrivibrio_OTU#113	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#114	1	1	0	0	3	2	2	2	0	4	2	0	2	3
Paludibacter_OTU#115	3	2	1	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#116	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Blautia_OTU#117	1	0	2	0	0	1	0	0	1	0	0	0	0	0
Limibacter_OTU#118	1	1	1	3	0	2	3	2	0	4	3	0	2	3
Parasutterella_OTU#119	2	2	5	2	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#120	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#121	1	0	1	1	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#122	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#123	1	3	2	0	1	1	0	0	0	0	0	0	3	0
Limibacter_OTU#124	1	0	0	1	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#125	2	1	0	3	2	2	5	3	15	0	3	2	3	6
Barnesiella_OTU#126	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Olsenella_OTU#127	2	1	3	7	0	0	1	0	0	0	0	0	1	0
Limibacter_OTU#128	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#129	1	0	0	0	0	0	0	0	0	0	0	1	0	0
Tannerella_OTU#130	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#131	1	1	0	1	0	0	0	0	0	1	1	1	0	0
Limibacter_OTU#132	1	1	3	0	0	0	0	0	0	0	1	0	0	0
Barnesiella_OTU#133	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#134	1	1	0	0	0	1	0	0	0	1	0	0	0	0
Roseburia_OTU#135	1	0	0	0	0	0	0	1	0	0	0	0	0	0
Limibacter_OTU#136	1	0	3	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#137	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#138	2	1	3	2	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#139	1	0	0	1	0	0	0	0	0	0	0	0	1	0
Barnesiella_OTU#140	1	0	0	0	0	0	0	0	0	0	0	0	0	0

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Barnesiella_OTU#141	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#142	2	3	2	2	0	2	0	0	0	1	1	2	1	1
Parasporobacterium_OTU#143	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#144	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Olsenella_OTU#145	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Escherichia/Shigella_OTU#146	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#147	1	2	1	2	0	0	1	1	0	1	0	0	1	0
Tannerella_OTU#148	1	1	0	0	2	2	1	0	0	4	3	2	1	0
Paludibacter_OTU#149	1	0	0	0	0	0	0	0	0	0	1	0	0	0
unclassified Bacteroidetes_OTU#150	1	0	3	2	1	0	1	0	3	0	1	3	2	1
Rikenella_OTU#151	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Marvinbryantia_OTU#152	1	3	1	0	0	1	51	48	75	10	0	1	0	0
Rikenella_OTU#153	1	0	1	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#154	1	1	2	2	3	6	2	2	0	1	6	1	1	1
Paludibacter_OTU#155	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Barnesiella_OTU#156	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#157	1	0	2	0	4	5	2	3	2	6	4	6	0	2
Paludibacter_OTU#158	1	0	2	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#159	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#160	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#161	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#162	1	1	4	2	26	19	27	27	21	26	22	20	34	19
Allobaculum_OTU#163	1	1	1	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#164	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#165	1	0	3	1	1	1	1	2	0	0	0	1	1	0
Barnesiella_OTU#166	1	0	1	1	1	2	1	2	0	0	1	0	1	1
Barnesiella_OTU#167	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#168	1	0	0	1	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#169	0	0	0	0	3	3	4	1	3	2	4	2	12	4
Howardella_OTU#170	0	0	0	0	0	0	0	0	1	0	0	0	0	0

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Oscillibacter_OTU#171	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Robinsoniella_OTU#172	0	0	0	0	1	0	8	8	1	5	0	1	0	0
Allobaculum_OTU#173	0	0	0	0	66	15	17	17	27	7	21	19	27	29
Butyrivibrio_OTU#174	0	0	0	0	0	0	0	0	6	1	0	0	0	0
Oscillibacter_OTU#175	0	1	2	0	0	0	0	0	1	0	0	0	0	0
Lactonifactor_OTU#176	0	0	0	0	0	0	3	2	2	0	0	0	0	0
Barnesiella_OTU#177	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Syntrophococcus_OTU#178	0	0	0	0	0	0	1	1	1	0	0	0	0	0
Barnesiella_OTU#179	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Paludibacter_OTU#180	0	0	0	0	52	22	30	38	36	48	48	44	163	56
Butyrivibrio_OTU#181	0	0	0	0	0	0	0	0	23	7	0	0	0	0
Dorea_OTU#182	0	0	0	0	0	4	18	7	13	4	0	1	0	0
Sporobacterium_OTU#183	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#184	0	0	0	0	1	1	0	0	1	0	0	0	0	0
Solobacterium_OTU#185	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Limibacter_OTU#186	0	0	1	1	0	2	0	0	2	0	1	0	1	0
Robinsoniella_OTU#187	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Hespellia_OTU#188	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#189	0	0	1	1	0	0	0	0	1	1	1	0	0	0
Coproccoccus_OTU#190	0	0	0	0	0	0	0	1	2	0	0	0	0	0
Anaerotruncus_OTU#191	0	0	0	0	0	0	0	0	3	0	0	0	0	0
Marvinbryantia_OTU#192	0	0	0	0	0	0	4	2	6	0	0	0	0	0
Dorea_OTU#193	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Limibacter_OTU#194	0	0	0	0	0	1	0	1	2	0	0	0	0	0
Marvinbryantia_OTU#195	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#196	0	0	0	0	0	1	0	2	1	2	1	2	2	0
Limibacter_OTU#197	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Lawsonia_OTU#198	0	0	0	0	0	0	1	0	1	0	0	1	0	1
Dorea_OTU#199	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Roseburia_OTU#200	0	0	0	0	0	0	0	0	1	0	0	0	0	0

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Barnesiella_OTU#201	0	0	0	0	2	1	6	2	2	0	2	0	0	4
Butyricoccus_OTU#202	0	0	0	0	0	0	0	0	8	0	0	0	0	0
Syntrophococcus_OTU#203	0	0	0	0	0	0	0	1	4	0	0	0	0	0
Butyricoccus_OTU#204	0	0	1	0	0	0	0	3	1	0	0	0	0	0
Paludibacter_OTU#205	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Oscillibacter_OTU#206	0	0	0	0	0	0	1	4	10	2	0	0	0	0
Turicibacter_OTU#207	0	0	0	0	0	0	0	0	4	0	0	0	0	0
Limibacter_OTU#208	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Robinsoniella_OTU#209	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Parasporobacterium_OTU#210	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Limibacter_OTU#211	0	1	0	0	0	0	0	1	1	0	0	0	0	0
Paludibacter_OTU#212	0	0	0	0	0	0	0	0	1	0	0	1	0	0
Hydrogenoanaerobacterium_OTU#213	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Blautia_OTU#214	0	0	1	0	0	0	0	0	1	0	0	0	0	0
Butyrivibrio_OTU#215	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#216	0	0	0	0	2	0	0	0	1	0	0	0	0	0
Roseburia_OTU#217	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Parasporobacterium_OTU#218	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Anaerophaga_OTU#219	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Robinsoniella_OTU#220	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#221	0	0	0	0	0	1	0	0	1	0	1	0	0	0
Acetitomaculum_OTU#222	0	0	0	0	0	0	1	1	2	2	0	0	0	0
Butyrivibrio_OTU#223	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#224	0	0	0	0	1	0	1	0	1	0	1	0	3	2
Allobaculum_OTU#225	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Limibacter_OTU#226	0	0	0	0	0	0	1	0	1	0	0	0	1	0
Paludibacter_OTU#227	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Syntrophococcus_OTU#228	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#229	0	0	1	0	0	0	1	0	1	0	1	2	0	1
Barnesiella_OTU#230	0	0	0	0	0	0	0	0	1	0	1	0	0	0

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Limibacter_OTU#231	0	0	0	0	1	1	0	2	1	1	0	0	0	0
Marvinbryantia_OTU#232	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#233	0	0	0	0	0	0	1	0	1	0	0	0	0	0
unclassified Lachnospiraceae_OTU#234	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Heliobacillus_OTU#235	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Allobaculum_OTU#236	0	0	0	0	8	4	0	3	5	0	5	2	7	5
Anaerostipes_OTU#237	0	0	0	0	1	0	1	0	4	1	0	0	1	0
Limibacter_OTU#238	0	0	0	0	0	0	0	1	3	0	0	1	4	2
Anaerophaga_OTU#239	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Dorea_OTU#240	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Anaerophaga_OTU#241	0	0	0	0	9	1	5	1	3	14	20	18	56	21
Coprococcus_OTU#242	0	0	0	0	0	0	0	0	1	0	0	0	0	0
unclassified Ruminococcaceae_OTU#243	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Coprococcus_OTU#244	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#245	0	0	0	0	1	1	0	1	1	0	1	0	0	0
Robinsoniella_OTU#246	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Paludibacter_OTU#247	0	1	4	1	6	11	0	3	4	3	9	6	8	4
Butyricicoccus_OTU#248	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Robinsoniella_OTU#249	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#250	0	0	1	0	1	0	0	0	1	0	0	0	0	1
unclassified Lachnospiraceae_OTU#251	0	0	0	0	0	0	1	1	1	1	0	0	0	0
unclassified Bacteroidales_OTU#252	0	0	0	0	0	0	0	0	1	1	0	3	0	1
Blautia_OTU#253	0	0	0	0	0	0	0	2	3	2	0	0	0	0
Allobaculum_OTU#254	0	3	0	1	1	1	2	0	3	0	1	0	1	0
Paludibacter_OTU#255	0	0	0	0	0	1	0	0	1	0	0	1	0	0
Anaerophaga_OTU#256	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#257	0	0	0	0	10	6	3	3	5	6	5	8	15	3
Anaerophaga_OTU#258	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Marvinbryantia_OTU#259	0	0	0	0	0	0	2	0	4	0	0	0	0	0
unclassified Porphyromonadaceae_OTU#260	0	0	1	0	2	4	0	3	1	6	0	4	0	0

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Barnesiella_OTU#261	0	0	0	0	1	6	0	2	1	3	0	3	0	1
Paludibacter_OTU#262	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#263	0	0	0	0	1	0	0	0	4	1	0	2	0	1
Paludibacter_OTU#264	0	0	0	1	4	3	2	0	1	1	1	2	0	2
Coprococcus_OTU#265	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Allobaculum_OTU#266	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#267	0	0	0	0	2	1	0	4	1	0	2	0	0	0
Paludibacter_OTU#268	0	0	0	0	1	0	1	0	1	2	0	0	1	0
Marvinbryantia_OTU#269	0	0	0	0	0	0	0	0	1	2	0	0	0	0
Allobaculum_OTU#270	0	0	0	0	0	0	1	1	2	0	1	0	0	0
Robinsoniella_OTU#271	0	0	0	0	0	0	2	0	1	0	0	0	0	0
Parasporobacterium_OTU#272	0	1	0	0	0	0	0	0	2	0	0	0	0	0
Tannerella_OTU#273	0	0	0	0	0	0	0	0	1	2	0	0	0	0
Anaerotruncus_OTU#274	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Syntrophococcus_OTU#275	0	0	1	0	0	0	1	1	3	2	0	0	0	0
Anaerophaga_OTU#276	0	0	0	0	0	0	0	0	2	1	0	0	0	0
Paludibacter_OTU#277	0	0	1	0	6	6	4	10	2	6	3	3	3	7
Syntrophococcus_OTU#278	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Dorea_OTU#279	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Anaerotruncus_OTU#280	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Paludibacter_OTU#281	0	0	0	0	1	2	2	2	1	2	0	2	0	1
Parasporobacterium_OTU#282	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Parvimonas_OTU#283	0	0	0	0	0	0	2	0	1	0	0	0	0	0
Blautia_OTU#284	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Barnesiella_OTU#285	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Tannerella_OTU#286	0	0	0	0	2	2	0	1	1	0	1	3	1	1
Prevotella_OTU#287	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Barnesiella_OTU#288	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Oscillibacter_OTU#289	0	0	0	0	0	1	0	0	1	0	0	0	0	0
Oscillibacter_OTU#290	0	0	0	0	0	0	1	1	2	0	0	0	0	0

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Allobaculum_OTU#291	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Roseburia_OTU#292	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Marvinbryantia_OTU#293	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Lachnobacterium_OTU#294	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Limibacter_OTU#295	0	0	0	0	1	0	0	0	1	0	0	0	0	0
Marvinbryantia_OTU#296	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Oscillibacter_OTU#297	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Limibacter_OTU#298	0	2	3	0	0	0	0	0	5	0	0	0	0	0
Lactonifactor_OTU#299	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Limibacter_OTU#300	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Faecalibacterium_OTU#301	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#302	0	0	0	0	4	1	0	3	1	2	1	1	5	4
Marvinbryantia_OTU#303	0	0	0	0	1	2	2	0	1	0	1	0	0	0
Coproccoccus_OTU#304	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Acetanaerobacterium_OTU#305	0	0	0	0	0	1	2	3	1	2	0	0	0	0
Coproccoccus_OTU#306	0	0	0	0	0	0	3	1	1	0	0	0	0	0
Coproccoccus_OTU#307	0	1	0	0	0	0	2	1	1	0	0	0	0	0
Acetitomaculum_OTU#308	0	0	0	0	0	0	7	3	1	0	0	0	0	1
Barnesiella_OTU#309	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Paludibacter_OTU#310	0	0	0	0	0	0	1	0	1	0	1	0	0	0
Robinsoniella_OTU#311	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Acetitomaculum_OTU#312	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#313	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Marvinbryantia_OTU#314	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#315	0	0	0	0	0	0	0	0	1	0	0	1	0	1
Robinsoniella_OTU#316	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Limibacter_OTU#317	0	0	0	1	0	0	0	2	1	1	1	0	0	0
unclassified Porphyromonadaceae_OTU#318	0	0	0	1	0	2	1	1	1	3	2	4	3	5
Allobaculum_OTU#319	0	0	0	0	4	1	1	1	1	0	3	2	5	2
Marvinbryantia_OTU#320	0	0	0	0	0	0	0	0	1	0	0	0	0	0

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Lachnobacterium_OTU#321	0	0	0	0	0	0	1	1	1	1	0	0	0	0
Anaerophaga_OTU#322	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Marvinbryantia_OTU#323	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Lachnobacterium_OTU#324	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#325	0	1	0	0	2	1	0	3	1	0	0	0	2	1
Butyricoccus_OTU#326	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#327	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Lactobacillus_OTU#328	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Butyrivibrio_OTU#329	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Atopobacter_OTU#330	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#331	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#332	0	1	0	0	0	0	0	0	1	0	0	0	1	0
Limibacter_OTU#333	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#334	0	2	4	2	6	10	5	6	1	7	2	4	3	5
Paludibacter_OTU#335	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Bulleidia_OTU#336	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Anaerophaga_OTU#337	0	0	0	1	0	0	0	2	2	2	2	3	2	1
Dorea_OTU#338	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Limibacter_OTU#339	0	0	0	0	0	0	0	0	1	0	0	0	0	0
unclassified Porphyromonadaceae_OTU#340	0	0	0	0	0	2	0	1	1	0	1	0	2	1
Butyricoccus_OTU#341	0	0	0	0	0	0	2	0	1	0	0	0	0	0
Paludibacter_OTU#342	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Mucispirillum_OTU#343	0	9	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#344	0	1	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#345	0	1	0	0	0	1	0	0	0	0	0	0	0	0
Helicobacter_OTU#346	0	12	1	0	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#347	0	1	0	0	0	0	0	0	0	1	0	0	0	0
Limibacter_OTU#348	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Pseudozobellia_OTU#349	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#350	0	2	0	0	0	0	0	0	0	0	0	0	0	0

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Anaerotruncus_OTU#351	0	3	0	0	0	0	0	2	0	0	0	0	0	0
Allobaculum_OTU#352	0	1	1	1	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#353	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#354	0	1	1	0	0	0	0	0	0	0	0	0	0	0
Dorea_OTU#355	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Mucispirillum_OTU#356	0	14	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus_OTU#357	0	6	1	5	0	0	0	0	0	0	0	0	0	0
Coprococcus_OTU#358	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#359	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#360	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Caminicella_OTU#361	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#362	0	1	1	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#363	0	2	0	2	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#364	0	1	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#365	0	1	3	0	0	0	0	0	0	0	0	0	0	0
Anaerotruncus_OTU#366	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Calditerrivibrio_OTU#367	0	1	0	1	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#368	0	1	0	0	0	0	0	1	0	0	0	0	0	0
unclassified Bacteroidetes_OTU#369	0	1	0	0	0	0	0	0	0	0	0	1	0	0
Limibacter_OTU#370	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#371	0	1	0	1	0	0	0	0	0	0	0	0	0	1
Lachnobacterium_OTU#372	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#373	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#374	0	3	1	1	0	0	0	1	0	1	0	0	1	1
Allobaculum_OTU#375	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#376	0	1	1	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#377	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#378	0	1	2	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#379	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Parasporobacterium_OTU#380	0	1	0	0	0	0	0	0	0	0	0	0	0	0

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Rikenella_OTU#381	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#382	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Coprococcus_OTU#383	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#384	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#385	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Asaccharobacter_OTU#386	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#387	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#388	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#389	0	2	0	1	0	0	0	0	0	2	2	1	1	0
unclassified Bacteroidetes_OTU#390	0	1	0	1	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#391	0	1	1	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#392	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#393	0	2	1	2	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#394	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Lawsonia_OTU#395	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#396	0	1	1	2	0	0	1	0	0	0	0	0	0	0
Allobaculum_OTU#397	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Dorea_OTU#398	0	1	0	0	0	0	0	1	0	0	0	0	0	0
Anaerophaga_OTU#399	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#400	0	1	0	1	1	1	0	0	0	1	0	0	1	1
Acetanaerobacterium_OTU#401	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#402	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#403	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#404	0	1	0	0	0	0	0	0	0	0	2	0	0	0
Anaerophaga_OTU#405	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Camnicella_OTU#406	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#407	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#408	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#409	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#410	0	1	0	0	0	0	0	0	0	0	0	0	0	0

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Paludibacter_OTU#411	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#412	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#413	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#414	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#415	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Allofustis_OTU#416	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Parasporobacterium_OTU#417	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Acetanaerobacterium_OTU#418	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Pseudozobellia_OTU#419	0	1	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Lachnospiraceae_OTU#420	0	1	0	0	0	0	3	0	0	0	0	0	0	0
Allobaculum_OTU#421	0	1	1	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#422	0	1	1	0	2	2	6	3	0	0	1	0	2	0
Limibacter_OTU#423	0	1	1	2	0	0	1	0	0	0	1	0	0	0
Barnesiella_OTU#424	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#425	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#426	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#427	0	0	1	1	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#428	0	0	2	0	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#429	0	0	1	0	1	0	0	2	0	0	0	0	0	0
Anaerophaga_OTU#430	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#431	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#432	0	0	1	0	3	7	1	1	0	12	6	5	3	3
Paludibacter_OTU#433	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Limibacter_OTU#434	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#435	0	0	1	0	1	0	0	0	0	0	0	1	0	0
Limibacter_OTU#436	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#437	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#438	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Parasporobacterium_OTU#439	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Syntrophococcus_OTU#440	0	0	2	0	0	0	0	0	0	0	0	0	0	0

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Barnesiella_OTU#441	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#442	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Acetitomaculum_OTU#443	0	0	1	0	0	0	1	6	0	0	0	0	0	0
Allobaculum_OTU#444	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#445	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Roseburia_OTU#446	0	0	1	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#447	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#448	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#449	0	0	1	0	0	0	0	0	0	0	0	0	0	2
Limibacter_OTU#450	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#451	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Mucispirillum_OTU#452	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#453	0	0	1	0	0	1	0	1	0	1	1	0	0	1
Paludibacter_OTU#454	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#455	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#456	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#457	0	0	1	0	0	0	0	1	0	0	0	0	2	0
Barnesiella_OTU#458	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#459	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#460	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#461	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#462	0	0	1	0	0	1	0	1	0	0	1	0	0	1
Limibacter_OTU#463	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#464	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#465	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#466	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#467	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#468	0	0	1	0	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidetes_OTU#469	0	0	2	2	0	0	0	0	0	0	0	0	0	0
Robinsoniella_OTU#470	0	0	1	0	0	1	0	0	0	0	0	0	0	0

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Paludibacter_OTU#471	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Barnesiella_OTU#472	0	0	1	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#473	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#474	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#475	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#476	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#477	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#478	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#479	0	0	1	0	0	0	0	0	0	0	0	1	0	0
Rikenella_OTU#480	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#481	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#482	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#483	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#484	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#485	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#486	0	0	1	0	0	0	0	1	0	1	2	0	0	0
Paludibacter_OTU#487	0	0	1	0	1	1	1	0	0	2	1	3	0	0
Paludibacter_OTU#488	0	0	1	1	0	0	0	0	0	0	0	0	0	0
unclassified Porphyromonadaceae_OTU#489	0	0	1	1	0	1	0	0	0	0	0	0	0	1
Syntrophococcus_OTU#490	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Ruminococcus_OTU#491	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#492	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#493	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#494	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#495	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#496	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#497	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Anaerovorax_OTU#498	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#499	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Catenibacterium_OTU#500	0	0	1	0	0	0	0	0	0	0	0	0	0	0

Supplementary Table 3

Paludibacter_OTU#501	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#502	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Rikenella_OTU#503	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#504	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#505	0	0	0	2	0	0	0	0	0	0	0	0	0	0
Asaccharobacter_OTU#506	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#507	0	0	0	3	0	0	0	0	0	0	0	1	0	1
Rikenella_OTU#508	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#509	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#510	0	0	0	1	2	1	1	0	0	1	0	2	1	0
Paludibacter_OTU#511	0	0	0	1	0	0	1	0	0	0	0	0	0	0
Limibacter_OTU#512	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Bradyrhizobium_OTU#513	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#514	0	0	0	1	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#515	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#516	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#517	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#518	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#519	0	0	0	1	1	2	1	2	0	1	1	1	0	0
Limibacter_OTU#520	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#521	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#522	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#523	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#524	0	0	0	2	0	0	0	0	0	0	1	1	0	1
Rikenella_OTU#525	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#526	0	0	0	1	0	0	0	1	0	0	1	0	1	0
Barnesiella_OTU#527	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#528	0	0	0	1	1	1	0	0	0	0	0	0	0	0
Limibacter_OTU#529	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#530	0	0	0	1	0	0	0	0	0	0	0	0	0	0

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Tannerella_OTU#531	0	0	0	1	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#532	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Limibacter_OTU#533	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#534	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#535	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#536	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Salinhabitans_OTU#537	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#538	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#539	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#540	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#541	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#542	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#543	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#544	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Enterorhabdus_OTU#545	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#546	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#547	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#548	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#549	0	0	0	1	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#550	0	0	0	1	1	1	2	0	0	0	1	1	0	0
Pseudozobellia_OTU#551	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#552	0	0	0	1	1	0	2	1	0	0	0	0	0	0
Allobaculum_OTU#553	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#554	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#555	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#556	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#557	0	0	0	1	0	0	0	1	0	0	0	0	0	1
Barnesiella_OTU#558	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#559	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#560	0	0	0	1	0	0	0	0	0	0	0	0	0	0

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Paludibacter_OTU#561	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#562	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#563	0	0	0	0	1	2	2	1	0	1	0	0	0	2
Paludibacter_OTU#564	0	0	0	0	1	3	0	2	0	1	1	3	2	0
Butyrivibrio_OTU#565	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Anaerophaga_OTU#566	0	0	0	0	0	0	0	1	0	1	1	1	0	0
Paludibacter_OTU#567	0	0	0	0	0	2	0	0	0	2	0	0	0	2
Paludibacter_OTU#568	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Rikenella_OTU#569	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Oscillibacter_OTU#570	0	0	0	0	0	0	1	0	0	1	0	0	0	0
Paludibacter_OTU#571	0	0	0	0	5	5	1	1	0	6	2	6	2	0
Proteiniphilum_OTU#572	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#573	0	0	0	0	1	2	0	1	0	2	0	0	2	1
Lachnobacterium_OTU#574	0	0	0	0	0	0	1	1	0	2	0	0	0	0
Paludibacter_OTU#575	0	0	0	0	0	0	1	0	0	1	0	0	0	0
Paludibacter_OTU#576	0	0	0	0	1	0	0	0	0	1	0	0	0	0
Anaerophaga_OTU#577	0	0	0	0	0	0	0	0	0	3	0	1	5	1
Parasutterella_OTU#578	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Bacteroides_OTU#579	0	0	0	0	0	2	0	0	0	1	0	2	0	0
Coproccoccus_OTU#580	0	0	0	0	0	0	2	2	0	1	0	0	0	0
Paludibacter_OTU#581	0	0	0	0	0	1	0	0	0	1	0	0	0	1
Barnesiella_OTU#582	0	0	0	0	0	0	0	0	0	1	0	0	0	0
unclassified Bacteroidales_OTU#583	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Paludibacter_OTU#584	0	0	0	0	0	0	0	1	0	1	1	0	0	0
Paludibacter_OTU#585	0	0	0	0	0	0	0	0	0	1	0	0	0	0
unclassified Bacteroidales_OTU#586	0	0	0	0	0	0	0	0	0	1	0	0	1	0
Barnesiella_OTU#587	0	0	0	0	1	1	0	3	0	3	0	1	2	1
Paludibacter_OTU#588	0	0	0	0	0	0	0	0	0	1	0	0	0	0
unclassified TM7_OTU#589	0	0	0	0	2	0	1	1	0	2	1	3	0	1
Lachnobacterium_OTU#590	0	0	0	0	0	0	3	0	0	2	0	0	0	0

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Limibacter_OTU#591	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#592	0	0	0	0	1	0	0	0	0	3	1	3	4	3
unclassified Bacteroidales_OTU#593	0	0	0	0	0	1	0	0	0	1	0	0	0	0
Alistipes_OTU#594	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#595	0	0	0	0	2	4	0	4	0	2	2	7	3	1
Paludibacter_OTU#596	0	0	0	0	0	0	1	2	0	3	1	2	0	1
Paludibacter_OTU#597	0	0	0	0	0	1	0	0	0	1	2	2	0	0
Paludibacter_OTU#598	0	0	0	0	0	1	1	0	0	7	1	3	5	3
Barnesiella_OTU#599	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#600	0	0	0	0	0	1	0	0	0	1	0	1	0	0
Marvinbryantia_OTU#601	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#602	0	0	0	0	1	0	1	0	0	1	2	2	1	0
Barnesiella_OTU#603	0	0	0	0	0	0	0	0	0	1	0	0	1	0
Paludibacter_OTU#604	0	0	0	0	0	2	0	0	0	2	1	2	2	5
Anaerophaga_OTU#605	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Pseudozobellia_OTU#606	0	0	0	0	0	0	0	0	0	2	0	0	0	0
Barnesiella_OTU#607	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Alistipes_OTU#608	0	0	0	0	0	0	0	0	0	3	0	1	0	0
Paludibacter_OTU#609	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#610	0	0	0	0	0	1	1	0	0	1	0	0	0	0
Paludibacter_OTU#611	0	0	0	0	0	0	0	0	0	1	1	1	0	0
Paludibacter_OTU#612	0	0	0	0	0	0	0	0	0	1	0	0	1	0
Tannerella_OTU#613	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Dorea_OTU#614	0	0	0	0	0	0	0	1	0	2	0	0	0	0
Lachnobacterium_OTU#615	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#616	0	0	0	0	0	1	0	0	0	1	1	0	0	0
Anaerophaga_OTU#617	0	0	0	0	0	2	1	0	0	2	3	2	4	2
Turcibacter_OTU#618	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Tannerella_OTU#619	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#620	0	0	0	0	1	3	0	1	0	3	4	1	1	1

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Anaerophaga_OTU#621	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#622	0	0	0	0	1	0	0	0	0	1	0	1	0	0
Roseburia_OTU#623	0	0	0	0	0	0	1	0	0	5	0	1	0	0
Papillibacter_OTU#624	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#625	0	0	0	0	0	0	0	0	0	1	0	0	1	0
Anaerophaga_OTU#626	0	0	0	0	0	0	1	1	0	1	0	0	0	0
Anaerophaga_OTU#627	0	0	0	0	0	0	0	0	0	1	0	0	1	0
Limibacter_OTU#628	0	0	0	0	0	0	0	1	0	1	0	0	0	0
Anaerophaga_OTU#629	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#630	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Butyricicoccus_OTU#631	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Robinsoniella_OTU#632	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#633	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Roseburia_OTU#634	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Anaerophaga_OTU#635	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Tannerella_OTU#636	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#637	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Lachnobacterium_OTU#638	0	0	0	0	0	0	0	0	0	1	0	0	0	0
unclassified Bacteroidales_OTU#639	0	0	0	0	0	0	0	0	0	1	0	0	1	0
Paludibacter_OTU#640	0	0	0	0	0	0	0	0	0	1	1	3	0	0
Paludibacter_OTU#641	0	0	0	0	0	1	0	0	0	1	1	2	0	0
Coprococcus_OTU#642	0	0	0	0	0	0	1	1	0	1	1	0	0	0
Marvinbryantia_OTU#643	0	0	0	0	0	0	1	2	0	1	0	0	0	0
Tannerella_OTU#644	0	0	0	0	0	1	2	1	0	1	0	0	2	0
Tannerella_OTU#645	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Butyricicoccus_OTU#646	0	0	0	0	0	0	2	1	0	1	0	0	0	0
Tannerella_OTU#647	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#648	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Hallella_OTU#649	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Lachnobacterium_OTU#650	0	0	0	0	0	0	0	0	0	1	0	0	0	0

Supplementary Table 3

Oscillibacter_OTU#651	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#652	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#653	0	0	0	0	0	0	0	0	0	1	2	0	0	0
Paludibacter_OTU#654	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#655	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Anaerophaga_OTU#656	0	0	0	0	0	0	0	2	0	1	2	4	0	0
Paludibacter_OTU#657	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#658	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Marvinbryantia_OTU#659	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Tannerella_OTU#660	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#661	0	0	0	0	0	0	1	0	0	1	0	0	0	0
Lachnobacterium_OTU#662	0	0	0	0	0	0	1	0	0	1	0	0	0	0
Paludibacter_OTU#663	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Paludibacter_OTU#664	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Alistipes_OTU#665	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Sporobacterium_OTU#666	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#667	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Tannerella_OTU#668	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#669	0	0	0	0	1	0	0	0	0	1	0	0	2	0
Anaerophaga_OTU#670	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Blautia_OTU#671	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#672	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#673	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#674	0	0	0	0	0	0	0	0	0	1	0	0	2	0
Barnesiella_OTU#675	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Brochothrix_OTU#676	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#677	0	0	0	0	2	2	0	0	0	0	2	1	0	0
Paludibacter_OTU#678	0	0	0	0	0	0	0	0	0	0	2	3	0	0
Paludibacter_OTU#679	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#680	0	0	0	0	0	0	0	1	0	0	2	0	0	1

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Paludibacter_OTU#681	0	0	0	0	0	0	0	0	0	0	1	1	1	0
Tannerella_OTU#682	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Limibacter_OTU#683	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Barnesiella_OTU#684	0	0	0	0	0	1	0	0	0	0	3	1	0	0
Lactobacillus_OTU#685	0	0	0	0	0	0	0	0	0	0	3	1	0	0
Tannerella_OTU#686	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Anaerophaga_OTU#687	0	0	0	0	0	1	0	1	0	0	1	0	0	1
unclassified Bacteroidales_OTU#688	0	0	0	0	0	0	0	0	0	0	2	0	0	0
Paludibacter_OTU#689	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#690	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Papillibacter_OTU#691	0	0	0	0	0	0	0	0	0	0	2	0	0	1
Tannerella_OTU#692	0	0	0	0	0	0	0	0	0	0	1	1	1	0
unclassified Clostridiales_OTU#693	0	0	0	0	0	1	0	0	0	0	1	0	0	0
Paludibacter_OTU#694	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#695	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#696	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Turicibacter_OTU#697	0	0	0	0	0	0	0	0	0	0	1	0	0	0
unclassified Bacteroidales_OTU#698	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Paludibacter_OTU#699	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Rikenella_OTU#700	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#701	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#702	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Anaerophaga_OTU#703	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Anaerophaga_OTU#704	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Catenibacterium_OTU#705	0	0	0	0	0	0	0	0	0	0	1	1	0	0
Paludibacter_OTU#706	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#707	0	0	0	0	0	0	1	0	0	0	1	0	0	1
Tannerella_OTU#708	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Tannerella_OTU#709	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#710	0	0	0	0	1	0	0	0	0	0	1	0	0	0

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Sharpea_OTU#711	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#712	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#713	0	0	0	0	0	0	0	0	0	0	2	1	0	1
Anaerophaga_OTU#714	0	0	0	0	0	1	0	0	0	0	1	0	2	0
unclassified Bacteroidetes_OTU#715	0	0	0	0	0	1	0	0	0	0	1	0	2	0
Paludibacter_OTU#716	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#717	0	0	0	0	0	1	0	0	0	0	1	0	0	0
Anaerophaga_OTU#718	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#719	0	0	0	0	0	3	0	0	0	0	1	1	0	0
Tannerella_OTU#720	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Anaerophaga_OTU#721	0	0	0	0	1	0	0	0	0	0	1	0	1	0
Paludibacter_OTU#722	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Barnesiella_OTU#723	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Tannerella_OTU#724	0	0	0	0	1	0	0	1	0	0	1	0	0	0
Anaerophaga_OTU#725	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#726	0	0	0	0	2	3	1	1	0	0	2	0	0	3
Barnesiella_OTU#727	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Anaerophaga_OTU#728	0	0	0	0	0	0	0	0	0	0	1	0	0	0
unclassified Porphyromonadaceae_OTU#729	0	0	0	0	0	0	0	0	0	0	1	2	0	1
Rikenella_OTU#730	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Anaerophaga_OTU#731	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#732	0	0	0	0	0	1	0	0	0	0	2	0	0	0
unclassified Porphyromonadaceae_OTU#733	0	0	0	0	0	0	0	0	0	0	1	1	0	0
Paludibacter_OTU#734	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Anaerophaga_OTU#735	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#736	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#737	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#738	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Tannerella_OTU#739	0	0	0	0	0	0	0	0	0	0	0	2	0	0
Paludibacter_OTU#740	0	0	0	0	1	0	0	0	0	0	0	2	0	0

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Paludibacter_OTU#741	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#742	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Limibacter_OTU#743	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#744	0	0	0	0	1	0	0	0	0	0	0	1	1	0
Tannerella_OTU#745	0	0	0	0	2	1	0	1	0	0	0	2	1	0
Paludibacter_OTU#746	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#747	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Anaerophaga_OTU#748	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Parabacteroides_OTU#749	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Tannerella_OTU#750	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Rikenella_OTU#751	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#752	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#753	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Aminiphilus_OTU#754	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Dorea_OTU#755	0	0	0	0	0	0	1	1	0	0	0	1	0	0
Tannerella_OTU#756	0	0	0	0	0	0	1	0	0	0	0	1	1	0
Paludibacter_OTU#757	0	0	0	0	0	0	0	0	0	0	0	2	0	0
Paludibacter_OTU#758	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#759	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Barnesiella_OTU#760	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#761	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Barnesiella_OTU#762	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#763	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#764	0	0	0	0	1	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#765	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Barnesiella_OTU#766	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#767	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Limibacter_OTU#768	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#769	0	0	0	0	0	0	0	1	0	0	0	1	0	1
Rikenella_OTU#770	0	0	0	0	0	0	0	0	0	0	0	1	0	0

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Barnesiella_OTU#771	0	0	0	0	0	1	0	0	0	0	0	1	0	0
Paludibacter_OTU#772	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Paludibacter_OTU#773	0	0	0	0	0	0	0	1	0	0	0	1	0	0
Anaerophaga_OTU#774	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#775	0	0	0	0	0	1	0	0	0	0	0	1	0	0
Barnesiella_OTU#776	0	0	0	0	0	1	0	0	0	0	0	1	0	0
Limibacter_OTU#777	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Hallella_OTU#778	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Rikenella_OTU#779	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#780	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#781	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Barnesiella_OTU#782	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#783	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Tannerella_OTU#784	0	0	0	0	1	0	0	1	0	0	0	1	0	0
Paludibacter_OTU#785	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#786	0	0	0	0	0	1	0	0	0	0	0	1	0	0
Lactobacillus_OTU#787	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#788	0	0	0	0	1	0	0	1	0	0	0	1	0	0
Paludibacter_OTU#789	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Anaerophaga_OTU#790	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#791	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Tannerella_OTU#792	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Marvinbryantia_OTU#793	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Barnesiella_OTU#794	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#795	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#796	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#797	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#798	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Pseudozobellia_OTU#799	0	0	0	0	1	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#800	0	0	0	0	0	0	0	0	0	0	0	1	0	0

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Barnesiella_OTU#801	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#802	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Anaerophaga_OTU#803	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Barnesiella_OTU#804	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Barnesiella_OTU#805	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Barnesiella_OTU#806	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#807	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Anaerostipes_OTU#808	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Limibacter_OTU#809	0	0	0	0	0	1	0	0	0	0	0	0	1	2
Barnesiella_OTU#810	0	0	0	0	0	0	0	1	0	0	0	0	1	0
Anaerophaga_OTU#811	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Anaerophaga_OTU#812	0	0	0	0	0	0	0	0	0	0	0	0	1	0
unclassified Bacteroidales_OTU#813	0	0	0	0	0	0	0	0	0	0	0	0	5	1
Paludibacter_OTU#814	0	0	0	0	0	0	0	1	0	0	0	0	1	0
Paludibacter_OTU#815	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#816	0	0	0	0	0	0	0	0	0	0	0	0	4	0
Paludibacter_OTU#817	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Anaerophaga_OTU#818	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Anaerophaga_OTU#819	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#820	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#821	0	0	0	0	1	0	0	0	0	0	0	0	2	0
Paludibacter_OTU#822	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#823	0	0	0	0	0	1	0	0	0	0	0	0	1	0
Paludibacter_OTU#824	0	0	0	0	0	0	0	0	0	0	0	0	3	0
Limibacter_OTU#825	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#826	0	0	0	0	1	0	1	0	0	0	0	0	2	0
Paludibacter_OTU#827	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#828	0	0	0	0	0	0	0	0	0	0	0	0	2	1
Paludibacter_OTU#829	0	0	0	0	0	0	0	0	0	0	0	0	1	0
unclassified Porphyromonadaceae_OTU#830	0	0	0	0	0	0	0	0	0	0	0	0	1	1

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Paludibacter_OTU#831	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Barnesiella_OTU#832	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#833	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Rikenella_OTU#834	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#835	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#836	0	0	0	0	0	0	1	0	0	0	0	0	1	0
unclassified Porphyromonadaceae_OTU#837	0	0	0	0	1	1	1	0	0	0	0	0	1	0
Paludibacter_OTU#838	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#839	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Anaerophaga_OTU#840	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#841	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Anaerophaga_OTU#842	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Anaerophaga_OTU#843	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Barnesiella_OTU#844	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Rikenella_OTU#845	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#846	0	0	0	0	2	0	0	0	0	0	0	0	1	0
Anaerophaga_OTU#847	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#848	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Tannerella_OTU#849	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Limibacter_OTU#850	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#851	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Limibacter_OTU#852	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Adlercreutzia_OTU#853	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Dorea_OTU#854	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#855	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Barnesiella_OTU#856	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#857	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Barnesiella_OTU#858	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Robinsoniella_OTU#859	0	0	0	0	0	0	3	1	0	0	0	0	0	1
Barnesiella_OTU#860	0	0	0	0	1	0	0	0	0	0	0	0	0	1

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Paludibacter_OTU#861	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#862	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Aquiflexum_OTU#863	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Enterorhabdus_OTU#864	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Paludibacter_OTU#865	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#866	0	0	0	0	0	0	1	1	0	0	0	0	0	2
Paludibacter_OTU#867	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Asaccharobacter_OTU#868	0	0	0	0	0	0	0	2	0	0	0	0	0	1
Lactobacillus_OTU#869	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Barnesiella_OTU#870	0	0	0	0	0	0	0	0	0	0	0	0	0	1
unclassified Firmicutes_OTU#871	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Barnesiella_OTU#872	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rikenella_OTU#873	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#874	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#875	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Limibacter_OTU#876	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#877	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Barnesiella_OTU#878	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Limibacter_OTU#879	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#880	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Anaerophaga_OTU#881	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Allobaculum_OTU#882	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#883	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#884	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Barnesiella_OTU#885	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Tannerella_OTU#886	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#887	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Barnesiella_OTU#888	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Limibacter_OTU#889	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#890	0	0	0	0	0	0	0	0	0	0	0	0	0	1

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Tannerella_OTU#891	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#892	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#893	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Tannerella_OTU#894	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Tannerella_OTU#895	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Anaerophaga_OTU#896	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Peptococcus_OTU#897	0	0	0	0	1	3	1	1	0	0	0	0	0	0
Anaerophaga_OTU#898	0	0	0	0	1	0	1	0	0	0	0	0	0	0
Parasutterella_OTU#899	0	0	0	0	1	0	1	0	0	0	0	0	0	0
Lishizhenia_OTU#900	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Tannerella_OTU#901	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#902	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Dorea_OTU#903	0	0	0	0	1	1	2	1	0	0	0	0	0	0
unclassified Bacteroidales_OTU#904	0	0	0	0	1	0	0	1	0	0	0	0	0	0
Limibacter_OTU#905	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#906	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Limibacter_OTU#907	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#908	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#909	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#910	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Akkermansia_OTU#911	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#912	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#913	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#914	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Oscillibacter_OTU#915	0	0	0	0	2	4	0	0	0	0	0	0	0	0
Butyricimonas_OTU#916	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#917	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#918	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#919	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#920	0	0	0	0	1	0	0	0	0	0	0	0	0	0

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Paludibacter_OTU#921	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#922	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Aquiflexum_OTU#923	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#924	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#925	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#926	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#927	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#928	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#929	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#930	0	0	0	0	1	0	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#931	0	0	0	0	1	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#932	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#933	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Sharpea_OTU#934	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Tannerella_OTU#935	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#936	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#937	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Rikenella_OTU#938	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#939	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#940	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#941	0	0	0	0	0	2	1	0	0	0	0	0	0	0
Hallella_OTU#942	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#943	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#944	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#945	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Blautia_OTU#946	0	0	0	0	0	1	1	1	0	0	0	0	0	0
Paludibacter_OTU#947	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#948	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Limibacter_OTU#949	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#950	0	0	0	0	0	1	0	0	0	0	0	0	0	0

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Paludibacter_OTU#951	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#952	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#953	0	0	0	0	0	1	1	0	0	0	0	0	0	0
Paludibacter_OTU#954	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#955	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#956	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Blautia_OTU#957	0	0	0	0	0	1	3	2	0	0	0	0	0	0
Paludibacter_OTU#958	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Aquiflexum_OTU#959	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#960	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Paludibacter_OTU#961	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Limibacter_OTU#962	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#963	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#964	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Belliella_OTU#965	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#966	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#967	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Tannerella_OTU#968	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#969	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#970	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#971	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#972	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#973	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Tannerella_OTU#974	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#975	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#976	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#977	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#978	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Tannerella_OTU#979	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#980	0	0	0	0	0	1	0	0	0	0	0	0	0	0

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Barnesiella_OTU#981	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#982	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#983	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Oscillibacter_OTU#984	0	0	0	0	0	1	0	2	0	0	0	0	0	0
Acetanaerobacterium_OTU#985	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#986	0	0	0	0	0	1	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#987	0	0	0	0	0	1	1	0	0	0	0	0	0	0
Paludibacter_OTU#988	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Butyricoccus_OTU#989	0	0	0	0	0	1	1	1	0	0	0	0	0	0
Paludibacter_OTU#990	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#991	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Tannerella_OTU#992	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#993	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#994	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#995	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Craurococcus_OTU#996	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Anaerophaga_OTU#997	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Dorea_OTU#998	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#999	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#1000	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Limibacter_OTU#1001	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Proteiniphilum_OTU#1002	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Anaerotruncus_OTU#1003	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Butyrivibrio_OTU#1004	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Tannerella_OTU#1005	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Rikenella_OTU#1006	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#1007	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#1008	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Rikenella_OTU#1009	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#1010	0	0	0	0	0	1	0	0	0	0	0	0	0	0

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Paludibacter_OTU#1011	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#1012	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#1013	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Butyrivibrio_OTU#1014	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Marvinbryantia_OTU#1015	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Coprococcus_OTU#1016	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Anaerophaga_OTU#1017	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#1018	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Syntrophococcus_OTU#1019	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#1020	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Roseburia_OTU#1021	0	0	0	0	0	0	2	2	0	0	0	0	0	0
Dorea_OTU#1022	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Papillibacter_OTU#1023	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Paludibacter_OTU#1024	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Dorea_OTU#1025	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#1026	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#1027	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Butyricicoccus_OTU#1028	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#1029	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Coprococcus_OTU#1030	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#1031	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#1032	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Lactobacillus_OTU#1033	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#1034	0	0	0	0	0	0	2	3	0	0	0	0	0	0
Lachnobacterium_OTU#1035	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Lachnobacterium_OTU#1036	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Oscillibacter_OTU#1037	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Anaerotruncus_OTU#1038	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Howardella_OTU#1039	0	0	0	0	0	0	1	0	0	0	0	0	0	0
unclassified Clostridiales_OTU#1040	0	0	0	0	0	0	1	1	0	0	0	0	0	0

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Howardella_OTU#1041	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#1042	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#1043	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Catonella_OTU#1044	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Rikenella_OTU#1045	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Dorea_OTU#1046	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Marvinbryantia_OTU#1047	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Limibacter_OTU#1048	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Acetitomaculum_OTU#1049	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Dorea_OTU#1050	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Robinsoniella_OTU#1051	0	0	0	0	0	0	1	0	0	0	0	0	0	0
unclassified Bacteroidetes_OTU#1052	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Butyricicoccus_OTU#1053	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#1054	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#1055	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Howardella_OTU#1056	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Marvinbryantia_OTU#1057	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#1058	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Coprococcus_OTU#1059	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Coprococcus_OTU#1060	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Limibacter_OTU#1061	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#1062	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Coprococcus_OTU#1063	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Tannerella_OTU#1064	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Marvinbryantia_OTU#1065	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Paludibacter_OTU#1066	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#1067	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#1068	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Acetitomaculum_OTU#1069	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#1070	0	0	0	0	0	0	1	0	0	0	0	0	0	0

Supplementary Table 3

Barnesiella_OTU#1071	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#1072	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Howardella_OTU#1073	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paraprevotella_OTU#1074	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaerophaga_OTU#1075	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaerotruncus_OTU#1076	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaerotruncus_OTU#1077	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaerotruncus_OTU#1078	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Acetitomaculum_OTU#1079	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Coprococcus_OTU#1080	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Marvinbryantia_OTU#1081	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Coprococcus_OTU#1082	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Acetitomaculum_OTU#1083	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Sporobacter_OTU#1084	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#1085	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Robinsoniella_OTU#1086	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1087	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Howardella_OTU#1088	0	0	0	0	0	0	0	3	0	0	0	0	0	0
Butyricoccus_OTU#1089	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#1090	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Oscillibacter_OTU#1091	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Barnesiella_OTU#1092	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1093	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#1094	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Marvinbryantia_OTU#1095	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Robinsoniella_OTU#1096	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1097	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Lachnobacterium_OTU#1098	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Coprococcus_OTU#1099	0	0	0	0	0	0	0	4	0	0	0	0	0	0
Dorea_OTU#1100	0	0	0	0	0	0	0	1	0	0	0	0	0	0

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Anaerophaga_OTU#1101	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1102	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Robinsoniella_OTU#1103	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1104	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Dorea_OTU#1105	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1106	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Dorea_OTU#1107	0	0	0	0	0	0	0	3	0	0	0	0	0	0
Marvinbryantia_OTU#1108	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Robinsoniella_OTU#1109	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaerophaga_OTU#1110	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Roseburia_OTU#1111	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1112	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1113	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Limibacter_OTU#1114	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Agromonas_OTU#1115	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Limibacter_OTU#1116	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Robinsoniella_OTU#1117	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaerotruncus_OTU#1118	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1119	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Pseudozobellia_OTU#1120	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaerophaga_OTU#1121	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Sporobacterium_OTU#1122	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaerophaga_OTU#1123	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaerophaga_OTU#1124	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Hydrogenoanaerobacterium_OTU#1125	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Coproccoccus_OTU#1126	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Rikenella_OTU#1127	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paraeggerthella_OTU#1128	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1129	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Coproccoccus_OTU#1130	0	0	0	0	0	0	0	1	0	0	0	0	0	0

Supplementary Table 3

Faecalibacterium_OTU#1131	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1132	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaerophaga_OTU#1133	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Blautia_OTU#1134	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaerophaga_OTU#1135	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Oscillibacter_OTU#1136	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Dorea_OTU#1137	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Butyrivibrio_OTU#1138	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Pseudozobellia_OTU#1139	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1140	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Robinsoniella_OTU#1141	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Alkaliflexus_OTU#1142	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1143	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Acetanaerobacterium_OTU#1144	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Asaccharobacter_OTU#1145	0	0	0	0	1	0	0	0	0	0	0	0	0	0

Supplementary Table 4. SIMPER analysis of *Ace2*^{+/-y} and *Ace2*^{-/-y} mice with or without rapamycin treatment.

SIMPER analysis was performed to detect OTUs contributing to the dissimilarities in ileocaecal microbial communities related to host genotype and rapamycin (RAPA) treatments. All significant OTUs are ranked according to their contribution. Average abundance of OTUs in each treatment/genotype group is shown as percentages. Contribution of each OTU to the overall community is also given in %. Bray Curtis dissimilar measures were used to perform the analyses.

S.No	Taxon	<i>Ace2</i> ^{-/-y}	<i>Ace2</i> ^{+/-y}	<i>Ace2</i> ^{+/-y} + RAPA	Contribution	Cumulative %
1	Limibacter_OTU#1	26.4	15.7	11.8	4.688	8.222
2	Tannerella_OTU#21	1.02	9.94	10.4	3.656	14.63
3	Paludibacter_OTU#35	1	9.52	8.36	3.021	19.93
4	Paludibacter_OTU#180	0	3.56	7.18	2.373	24.1
5	Lactobacillus_OTU#50	2.48	1.68	6.38	2.19	27.94
6	Paludibacter_OTU#9	7.55	2	2.44	1.788	31.07
7	Barnesiella_OTU#37	1.35	5.44	3.6	1.565	33.82
8	Parasutterella_OTU#23	4.1	0	0	1.262	36.03
9	Marvinbryantia_OTU#152	0.125	3.5	0.22	1.232	38.19
10	Paludibacter_OTU#40	1.8	2.18	4.52	1.119	40.15
11	Allobaculum_OTU#173	0	2.84	2.06	1.048	41.99
12	Parasutterella_OTU#55	2.92	4.28	1.9	1.011	43.76
13	unclassified_Porphryomonadaceae_OTU#2	3.5	0.7	0.7	0.9831	45.49
14	Lactobacillus_OTU#30	0.65	0.46	2.98	0.9723	47.19
15	Allobaculum_OTU#16	2.88	0	0	0.8846	48.74
16	Anaerophaga_OTU#241	0	0.38	2.58	0.8785	50.29
17	Allobaculum_OTU#3	2.63	1	0.24	0.8108	51.71
18	Paludibacter_OTU#162	0.2	2.4	2.42	0.7792	53.07
19	Helicobacter_OTU#63	2.47	0	0	0.7615	54.41
20	Allobaculum_OTU#17	1.95	0	0	0.6	55.46
21	Anaerophaga_OTU#8	2.17	0.4	1.22	0.5931	56.5
22	Paludibacter_OTU#5	1.87	0.4	0.28	0.5692	57.5
23	Lachnobacterium_OTU#38	1.6	0.02	0.02	0.4923	58.36
24	Rikenella_OTU#22	2	0.96	0.88	0.4323	59.12
25	Rikenella_OTU#11	1.65	0.42	0.38	0.4138	59.85
26	Barnesiella_OTU#26	1.28	0	0	0.3923	60.54
27	Rikenella_OTU#18	1.73	0.78	1.06	0.3769	61.2
28	Allobaculum_OTU#13	1.18	0.2	0.04	0.3615	61.83
29	Dorea_OTU#182	0	0.84	0.1	0.2946	62.35
30	Paludibacter_OTU#257	0	0.54	0.74	0.2723	62.82
31	Anaerophaga_OTU#19	0.775	0.32	0.28	0.2231	63.22

32	Paludibacter_OTU#12	0.425	0.56	0.44	0.2108	63.59
33	Ureaplasma_OTU#82	0.675	0	0	0.2077	63.95
34	Paludibacter_OTU#247	0.15	0.48	0.6	0.2031	64.31
35	Paludibacter_OTU#432	0.025	0.24	0.58	0.2023	64.66
36	Paludibacter_OTU#277	0.025	0.56	0.44	0.1985	65.01
37	Butyrivibrio_OTU#181	0	0.46	0.14	0.1969	65.35
38	Allobaculum_OTU#236	0	0.4	0.38	0.1761	65.66
39	Paludibacter_OTU#169	0	0.28	0.48	0.1708	65.96
40	Limibacter_OTU#125	0.15	0.54	0.28	0.1685	66.26
41	Paludibacter_OTU#334	0.2	0.56	0.42	0.1592	66.54
42	Barnesiella_OTU#46	0.625	0.14	0.26	0.1585	66.82
43	Paludibacter_OTU#67	0.1	0.46	0.48	0.15	67.08
44	Robinsoniella_OTU#172	0	0.36	0.12	0.1416	67.33
45	Coprococcus_OTU#39	0.225	0.28	0	0.1415	67.57
46	Paludibacter_OTU#571	0	0.24	0.32	0.1385	67.82
47	Paludibacter_OTU#598	0	0.04	0.38	0.13	68.05
48	Tannerella_OTU#157	0.075	0.32	0.36	0.1292	68.27
49	Paludibacter_OTU#43	0.525	0.26	0.5	0.1231	68.49
50	Barnesiella_OTU#595	0	0.2	0.3	0.1223	68.7
51	Anaerophaga_OTU#32	0.225	0.06	0.2	0.1177	68.91
52	unclassified_Porphyrromonadaceae_OTU#4	0.375	0.02	0	0.1162	69.11
53	Anaerophaga_OTU#59	0.35	0.12	0.06	0.1146	69.31
54	Oscillibacter_OTU#206	0	0.3	0.04	0.11	69.51
55	Barnesiella_OTU#15	0.35	0.16	0.22	0.11	69.7
56	Mucispirillum_OTU#356	0.35	0	0	0.1077	69.89
57	unclassified_Porphyrromonadaceae_OTU#318	0.025	0.1	0.34	0.1077	70.08
58	unclassified_Porphyrromonadaceae_OTU#260	0.025	0.2	0.2	0.1062	70.26
59	Paludibacter_OTU#80	0.025	0.14	0.3	0.1062	70.45
60	Paludibacter_OTU#33	0.325	0.12	0.06	0.1054	70.63
61	Paludibacter_OTU#302	0	0.18	0.26	0.1031	70.82
62	Barnesiella_OTU#201	0	0.26	0.12	0.1008	70.99
63	Olsenella_OTU#127	0.325	0.02	0.02	0.1	71.17
64	Helicobacter_OTU#346	0.325	0	0	0.1	71.34
65	Allobaculum_OTU#319	0	0.16	0.24	0.09692	71.51
66	Paludibacter_OTU#592	0	0.02	0.28	0.09615	71.68
67	Lactobacillus_OTU#357	0.3	0	0	0.09231	71.84
68	Barnesiella_OTU#261	0	0.2	0.14	0.09	72
69	Paludibacter_OTU#154	0.15	0.26	0.2	0.09	72.16
70	Tannerella_OTU#422	0.05	0.26	0.06	0.08923	72.32
71	Paludibacter_OTU#66	0.075	0.02	0.26	0.08769	72.47
72	Anaerophaga_OTU#617	0	0.06	0.26	0.08769	72.62

Supplementary Table 4

73	Parasutterella_OTU#119	0.275	0	0	0.08462	72.77
74	Paraprevotella_OTU#6	0.275	0	0	0.08462	72.92
75	Marvinbryantia_OTU#192	0	0.24	0	0.08308	73.07
76	Paludibacter_OTU#604	0	0.04	0.24	0.08308	73.21
77	Lachnobacterium_OTU#52	0.225	0.06	0	0.07923	73.35
78	Acetitomaculum_OTU#308	0	0.22	0.02	0.07847	73.49
79	Paludibacter_OTU#114	0.05	0.18	0.22	0.07692	73.62
80	Limibacter_OTU#118	0.15	0.14	0.24	0.07615	73.76
81	Paludibacter_OTU#620	0	0.1	0.2	0.07462	73.89
82	Paludibacter_OTU#110	0.25	0.16	0.2	0.07385	74.02
83	Paludibacter_OTU#81	0.175	0.08	0.06	0.07308	74.14
84	Paludibacter_OTU#103	0.15	0.16	0.12	0.07231	74.27
85	Paludibacter_OTU#264	0.025	0.2	0.12	0.0723	74.4
86	Tannerella_OTU#148	0.05	0.1	0.2	0.07	74.52
87	Anaerophaga_OTU#577	0	0	0.2	0.06923	74.64
88	Limibacter_OTU#89	0.225	0	0	0.06923	74.76
89	Mucispirillum_OTU#343	0.225	0	0	0.06923	74.89
90	Limibacter_OTU#142	0.225	0.04	0.12	0.06615	75
91	Anaerophaga_OTU#337	0.025	0.08	0.2	0.06615	75.12
92	Limibacter_OTU#298	0.125	0.1	0	0.06538	75.23
93	Paludibacter_OTU#564	0	0.12	0.14	0.06385	75.34
94	Paludibacter_OTU#7	0.1	0.06	0.16	0.06385	75.46
95	Limibacter_OTU#64	0.2	0	0.06	0.06385	75.57
96	Paludibacter_OTU#726	0	0.14	0.1	0.06308	75.68
97	Limibacter_OTU#238	0	0.08	0.14	0.06231	75.79
98	unclassified_Bacteroidetes_OTU#150	0.15	0.1	0.14	0.06154	75.9
99	Parasutterella_OTU#138	0.2	0	0	0.06154	76
100	Flexithrix_OTU#53	0.2	0	0	0.06154	76.11
101	Barnesiella_OTU#267	0	0.16	0.04	0.06001	76.22
102	Barnesiella_OTU#587	0	0.1	0.14	0.06	76.32
103	Limibacter_OTU#48	0.15	0.08	0.16	0.06	76.43
104	Parabacteroides_OTU#70	0.025	0.04	0.14	0.05923	76.53
105	Paludibacter_OTU#123	0.15	0.04	0.06	0.05923	76.64
106	unclassified_Bacteroidales_OTU#41	0.125	0.02	0.16	0.05923	76.74
107	Paludibacter_OTU#281	0	0.16	0.1	0.05769	76.84
108	Allobaculum_OTU#254	0.1	0.14	0.04	0.05769	76.94
109	Butyricoccus_OTU#202	0	0.16	0	0.05538	77.04
110	Tannerella_OTU#286	0	0.12	0.12	0.05538	77.14
111	Anaerophaga_OTU#656	0	0.04	0.14	0.05462	77.23
112	unclassified_TM7_OTU#589	0	0.08	0.14	0.05461	77.33
113	Anaerotruncus_OTU#92	0.075	0.12	0.04	0.05386	77.42

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114	Paludibacter_OTU#596	0	0.06	0.14	0.05385	77.52
115	Paludibacter_OTU#115	0.175	0	0	0.05385	77.61
116	Acetitomaculum_OTU#443	0.025	0.14	0	0.0531	77.7
117	Acetanaerobacterium_OTU#305	0	0.14	0.04	0.05309	77.8
118	Paludibacter_OTU#196	0	0.08	0.14	0.05308	77.89
119	Barnesiella_OTU#325	0.025	0.14	0.06	0.05231	77.98
120	Paludibacter_OTU#263	0	0.1	0.08	0.05154	78.07
121	Paludibacter_OTU#45	0.1	0.08	0.04	0.05077	78.16
122	Paludibacter_OTU#24	0.125	0.04	0.08	0.04923	78.25
123	Paludibacter_OTU#389	0.075	0	0.12	0.04923	78.33
124	Lactonifactor_OTU#176	0	0.14	0	0.04847	78.42
125	Paludibacter_OTU#224	0	0.06	0.12	0.04846	78.5
126	Barnesiella_OTU#563	0	0.12	0.06	0.04692	78.59
127	Butyrivibrio_OTU#174	0	0.12	0.02	0.04692	78.67
128	Paludibacter_OTU#487	0.025	0.06	0.12	0.04692	78.75
129	Dichelobacter_OTU#34	0.15	0	0	0.04615	78.83
130	Anaerostipes_OTU#237	0	0.12	0.04	0.04615	78.91
131	Rikenella_OTU#165	0.125	0.1	0.04	0.04539	78.99
132	Paludibacter_OTU#573	0	0.08	0.1	0.04538	79.07
133	Roseburia_OTU#623	0	0.02	0.12	0.04538	79.15
134	Paludibacter_OTU#107	0.075	0.12	0.16	0.04462	79.23
135	Syntrophococcus_OTU#275	0.025	0.1	0.04	0.04385	79.31
136	Paludibacter_OTU#602	0	0.04	0.12	0.04308	79.38
137	Limibacter_OTU#374	0.125	0.02	0.06	0.04308	79.46
138	Anaerophaga_OTU#147	0.15	0.04	0.04	0.04308	79.53
139	Blautia_OTU#253	0	0.1	0.04	0.04231	79.61
140	Marvinbryantia_OTU#303	0	0.12	0.02	0.04231	79.68
141	Blautia_OTU#957	0	0.12	0	0.04155	79.75
142	Peptococcus_OTU#897	0	0.12	0	0.04154	79.83
143	unclassified_Bacteroidales_OTU#813	0	0	0.12	0.04154	79.9
144	Marvinbryantia_OTU#259	0	0.12	0	0.04154	79.97
145	Oscillibacter_OTU#915	0	0.12	0	0.04153	80.05
146	Limibacter_OTU#519	0.025	0.12	0.06	0.04077	80.12
147	Limibacter_OTU#132	0.125	0	0.02	0.04077	80.19
148	unclassified_Porphyrromonadaceae_OTU#340	0	0.08	0.08	0.04	80.26
149	Limibacter_OTU#112	0.025	0.06	0.1	0.04	80.33
150	Paludibacter_OTU#677	0	0.08	0.06	0.03923	80.4
151	Limibacter_OTU#57	0.125	0	0	0.03846	80.47
152	Paludibacter_OTU#72	0.125	0	0	0.03846	80.53
153	Parasutterella_OTU#393	0.125	0	0	0.03846	80.6
154	Limibacter_OTU#186	0.05	0.08	0.04	0.03846	80.67

155	Paludibacter_OTU#510	0.025	0.08	0.08	0.03846	80.74
156	Tannerella_OTU#644	0	0.08	0.06	0.03769	80.8
157	Tannerella_OTU#745	0	0.08	0.06	0.03769	80.87
158	unclassified_Bacteroidales_OTU#252	0	0.02	0.1	0.03692	80.93
159	Paludibacter_OTU#597	0	0.02	0.1	0.03692	81
160	Limibacter_OTU#231	0	0.1	0.02	0.03539	81.06
161	Acetitomaculum_OTU#222	0	0.08	0.04	0.03539	81.12
162	Paludibacter_OTU#567	0	0.04	0.08	0.03538	81.18
163	Robinsoniella_OTU#1034	0	0.1	0	0.03463	81.24
164	Barnesiella_OTU#166	0.075	0.12	0.06	0.03462	81.3
165	Syntrophococcus_OTU#203	0	0.1	0	0.03462	81.37
166	Coprococcus_OTU#306	0	0.1	0	0.03462	81.43
167	Dorea_OTU#903	0	0.1	0	0.03462	81.49
168	Paludibacter_OTU#640	0	0	0.1	0.03462	81.55
169	Paludibacter_OTU#678	0	0	0.1	0.03462	81.61
170	Lawsonia_OTU#56	0.075	0.04	0.02	0.03461	81.67
171	Anaerotruncus_OTU#351	0.075	0.04	0	0.03385	81.73
172	Limibacter_OTU#423	0.1	0.02	0.02	0.03385	81.79
173	Paludibacter_OTU#507	0.075	0	0.04	0.03385	81.85
174	Paludibacter_OTU#111	0.075	0.02	0.04	0.03308	81.9
175	Limibacter_OTU#396	0.1	0.02	0	0.03308	81.96
176	Paludibacter_OTU#42	0.1	0.02	0	0.03308	82.02
177	Butyricicoccus_OTU#204	0.025	0.08	0	0.03232	82.08
178	Paludibacter_OTU#229	0.025	0.04	0.08	0.03231	82.13
179	Paludibacter_OTU#550	0.025	0.08	0.04	0.03231	82.19
180	Paludibacter_OTU#268	0	0.06	0.06	0.03231	82.25
181	Coprococcus_OTU#580	0	0.08	0.02	0.03154	82.3
182	Robinsoniella_OTU#859	0	0.08	0.02	0.03154	82.36
183	Paludibacter_OTU#524	0.05	0	0.06	0.03154	82.41
184	Barnesiella_OTU#684	0	0.02	0.08	0.03154	82.47
185	Lachnobacterium_OTU#590	0	0.06	0.04	0.03154	82.52
186	Paludibacter_OTU#719	0	0.06	0.04	0.03154	82.58
187	unclassified_Bacteroidales_OTU#90	0.025	0.02	0.08	0.03154	82.63
188	Coprococcus_OTU#307	0.025	0.08	0	0.03077	82.69
189	Limibacter_OTU#49	0.05	0.06	0.02	0.03077	82.74
190	Lachnobacterium_OTU#552	0.025	0.08	0	0.03077	82.8
191	Limibacter_OTU#136	0.1	0	0	0.03077	82.85
192	unclassified_Bacteroidales_OTU#365	0.1	0	0	0.03077	82.9
193	unclassified_Porphyrimonadaceae_OTU#60	0.1	0	0	0.03077	82.96
194	Bacteroides_OTU#71	0.1	0	0	0.03077	83.01
195	Anaerophaga_OTU#86	0.1	0	0	0.03077	83.07

196	unclassified_Bacteroidetes_OTU#469	0.1	0	0	0.03077	83.12
197	Paludibacter_OTU#28	0.1	0	0	0.03077	83.17
198	Paludibacter_OTU#84	0.1	0	0	0.03077	83.23
199	Limibacter_OTU#363	0.1	0	0	0.03077	83.28
200	Blautia_OTU#117	0.075	0.04	0	0.03077	83.34
201	Limibacter_OTU#317	0.025	0.06	0.04	0.03	83.39
202	Allobaculum_OTU#270	0	0.08	0.02	0.03	83.44
203	Rikenella_OTU#131	0.075	0	0.06	0.03	83.49
204	Paludibacter_OTU#641	0	0.02	0.08	0.03	83.55
205	Bacteroides_OTU#579	0	0.04	0.06	0.03	83.6
206	Paludibacter_OTU#245	0	0.08	0.02	0.02846	83.65
207	Coprococcus_OTU#1099	0	0.08	0	0.02771	83.7
208	Roseburia_OTU#1021	0	0.08	0	0.0277	83.75
209	Oscillibacter_OTU#290	0	0.08	0	0.0277	83.79
210	Limibacter_OTU#194	0	0.08	0	0.0277	83.84
211	Paludibacter_OTU#486	0.025	0.02	0.06	0.02769	83.89
212	Alistipes_OTU#608	0	0	0.08	0.02769	83.94
213	unclassified_Porphyrimonadaceae_OTU#729	0	0	0.08	0.02769	83.99
214	Lactobacillus_OTU#685	0	0	0.08	0.02769	84.04
215	Paludibacter_OTU#713	0	0	0.08	0.02769	84.09
216	Paludibacter_OTU#816	0	0	0.08	0.02769	84.13
217	Turicibacter_OTU#207	0	0.08	0	0.02769	84.18
218	Oscillibacter_OTU#175	0.075	0.02	0	0.02692	84.23
219	Paludibacter_OTU#378	0.075	0.02	0	0.02692	84.28
220	unclassified_Lachnospiraceae_OTU#420	0.025	0.06	0	0.02692	84.33
221	unclassified_Bacteroidetes_OTU#102	0.05	0	0.04	0.02615	84.37
222	unclassified_Bacteroidales_OTU#429	0.025	0.06	0	0.02539	84.42
223	Limibacter_OTU#453	0.025	0.04	0.06	0.02539	84.46
224	Anaerophaga_OTU#400	0.05	0.04	0.06	0.02539	84.5
225	Marvinbryantia_OTU#643	0	0.06	0.02	0.02462	84.55
226	Lachnobacterium_OTU#574	0	0.04	0.04	0.02462	84.59
227	Paludibacter_OTU#866	0	0.04	0.04	0.02462	84.63
228	Butyricoccus_OTU#646	0	0.06	0.02	0.02462	84.68
229	Paludibacter_OTU#680	0	0.02	0.06	0.02462	84.72
230	unclassified_Bacteroidetes_OTU#715	0	0.02	0.06	0.02462	84.76
231	Anaerophaga_OTU#714	0	0.02	0.06	0.02462	84.81
232	Limibacter_OTU#809	0	0.02	0.06	0.02462	84.85
233	Paludibacter_OTU#669	0	0.02	0.06	0.02461	84.89
234	Paludibacter_OTU#826	0	0.04	0.04	0.02461	84.94
235	Anaerophaga_OTU#457	0.025	0.02	0.04	0.02385	84.98
236	Anaerophaga_OTU#106	0.05	0.02	0.04	0.02385	85.02

237	Barnesiella_OTU#189	0.05	0.02	0.04	0.02385	85.06
238	Paludibacter_OTU#100	0.05	0.04	0.02	0.02385	85.1
239	Lachnobacterium_OTU#321	0	0.06	0.02	0.02308	85.14
240	unclassified_Lachnospiraceae_OTU#251	0	0.06	0.02	0.02308	85.18
241	Paludibacter_OTU#462	0.025	0.04	0.04	0.02308	85.22
242	Anaerophaga_OTU#566	0	0.02	0.06	0.02308	85.27
243	Paludibacter_OTU#104	0.075	0	0	0.02308	85.31
244	Paludibacter_OTU#158	0.075	0	0	0.02308	85.35
245	Tannerella_OTU#121	0.075	0	0	0.02308	85.39
246	Limibacter_OTU#97	0.075	0	0	0.02308	85.43
247	Allobaculum_OTU#352	0.075	0	0	0.02308	85.47
248	Allobaculum_OTU#163	0.075	0	0	0.02308	85.51
249	Anaerophaga_OTU#62	0.075	0	0	0.02308	85.55
250	Coprococcus_OTU#14	0.075	0	0	0.02308	85.59
251	unclassified_Porphyrimonadaceae_OTU#837	0	0.06	0.02	0.02307	85.63
252	Coprococcus_OTU#642	0	0.04	0.04	0.02154	85.67
253	Anaerophaga_OTU#687	0	0.04	0.04	0.02154	85.71
254	Paludibacter_OTU#134	0.05	0.02	0.02	0.02154	85.74
255	Ralstonia_OTU#29	0.05	0.02	0.02	0.02154	85.78
256	Paludibacter_OTU#58	0.05	0.02	0.02	0.02154	85.82
257	unclassified_Porphyrimonadaceae_OTU#489	0.05	0.02	0.02	0.02154	85.86
258	Lawsonia_OTU#198	0	0.04	0.04	0.02154	85.89
259	Barnesiella_OTU#99	0.05	0.02	0.02	0.02154	85.93
260	Dorea_OTU#1107	0	0.06	0	0.02078	85.97
261	Howardella_OTU#1088	0	0.06	0	0.02078	86
262	Oscillibacter_OTU#984	0	0.06	0	0.02078	86.04
263	Coprococcus_OTU#190	0	0.06	0	0.02077	86.08
264	Syntrophococcus_OTU#178	0	0.06	0	0.02077	86.11
265	Blautia_OTU#946	0	0.06	0	0.02077	86.15
266	Butyricoccus_OTU#989	0	0.06	0	0.02077	86.19
267	Paludibacter_OTU#526	0.025	0.02	0.04	0.02077	86.22
268	Paludibacter_OTU#653	0	0	0.06	0.02077	86.26
269	Paludibacter_OTU#611	0	0	0.06	0.02077	86.3
270	Papillibacter_OTU#691	0	0	0.06	0.02077	86.33
271	Paludibacter_OTU#674	0	0	0.06	0.02077	86.37
272	Paludibacter_OTU#681	0	0	0.06	0.02077	86.41
273	Tannerella_OTU#692	0	0	0.06	0.02077	86.44
274	Paludibacter_OTU#828	0	0	0.06	0.02077	86.48
275	Paludibacter_OTU#824	0	0	0.06	0.02077	86.51
276	Anaerotruncus_OTU#191	0	0.06	0	0.02077	86.55
277	Parvimonas_OTU#283	0	0.06	0	0.02077	86.59

278	Barnesiella_OTU#941	0	0.06	0	0.02077	86.62
279	Robinsoniella_OTU#271	0	0.06	0	0.02077	86.66
280	Butyricoccus_OTU#341	0	0.06	0	0.02077	86.7
281	Paludibacter_OTU#250	0.025	0.04	0.02	0.02077	86.73
282	Paludibacter_OTU#184	0	0.06	0	0.02077	86.77
283	Paludibacter_OTU#216	0	0.06	0	0.02076	86.81
284	Barnesiella_OTU#449	0.025	0	0.04	0.02	86.84
285	Limibacter_OTU#404	0.025	0	0.04	0.02	86.88
286	Parasporobacterium_OTU#272	0.025	0.04	0	0.02	86.91
287	Asaccharobacter_OTU#868	0	0.04	0.02	0.01924	86.95
288	Dorea_OTU#614	0	0.02	0.04	0.01923	86.98
289	Limibacter_OTU#391	0.05	0	0.02	0.01923	87.01
290	Paludibacter_OTU#371	0.05	0	0.02	0.01923	87.05
291	Rikenella_OTU#168	0.05	0	0.02	0.01923	87.08
292	Paludibacter_OTU#77	0.05	0	0.02	0.01923	87.11
293	Rikenella_OTU#139	0.05	0	0.02	0.01923	87.15
294	Paludibacter_OTU#732	0	0.02	0.04	0.01923	87.18
295	Marvinbryantia_OTU#269	0	0.02	0.04	0.01923	87.21
296	Tannerella_OTU#273	0	0.02	0.04	0.01923	87.25
297	Anaerophaga_OTU#108	0.05	0.02	0	0.01923	87.28
298	Rikenella_OTU#153	0.05	0.02	0	0.01923	87.32
299	Paludibacter_OTU#427	0.05	0.02	0	0.01923	87.35
300	Anaerophaga_OTU#276	0	0.04	0.02	0.01923	87.38
301	Paludibacter_OTU#740	0	0.02	0.04	0.01923	87.42
302	Paludibacter_OTU#821	0	0.02	0.04	0.01923	87.45
303	Paludibacter_OTU#846	0	0.04	0.02	0.01922	87.48
304	Limibacter_OTU#211	0.025	0.04	0	0.01846	87.52
305	Paludibacter_OTU#528	0.025	0.04	0	0.01846	87.55
306	Paludibacter_OTU#87	0.025	0.04	0	0.01846	87.58
307	Anaerophaga_OTU#626	0	0.04	0.02	0.0177	87.61
308	Dorea_OTU#755	0	0.04	0.02	0.0177	87.64
309	Paludibacter_OTU#769	0	0.02	0.04	0.01769	87.67
310	Paludibacter_OTU#584	0	0.02	0.04	0.01769	87.71
311	Enterorhabdus_OTU#864	0	0.04	0.02	0.01769	87.74
312	Paludibacter_OTU#788	0	0.04	0.02	0.01769	87.77
313	Tannerella_OTU#784	0	0.04	0.02	0.01769	87.8
314	Tannerella_OTU#724	0	0.04	0.02	0.01769	87.83
315	Paludibacter_OTU#315	0	0.02	0.04	0.01769	87.86
316	Tannerella_OTU#756	0	0.02	0.04	0.01769	87.89
317	Barnesiella_OTU#616	0	0.02	0.04	0.01769	87.92
318	Paludibacter_OTU#600	0	0.02	0.04	0.01769	87.95

Supplementary Table 4

319	Paludibacter_OTU#581	0	0.02	0.04	0.01769	87.99
320	Paludibacter_OTU#707	0	0.02	0.04	0.01769	88.02
321	Barnesiella_OTU#221	0	0.04	0.02	0.01769	88.05
322	Paludibacter_OTU#255	0	0.04	0.02	0.01769	88.08
323	Limibacter_OTU#226	0	0.04	0.02	0.01769	88.11
324	Paludibacter_OTU#310	0	0.04	0.02	0.01769	88.14
325	Barnesiella_OTU#610	0	0.04	0.02	0.01769	88.17
326	Paludibacter_OTU#622	0	0.02	0.04	0.01769	88.2
327	Paludibacter_OTU#744	0	0.02	0.04	0.01769	88.23
328	Anaerophaga_OTU#721	0	0.02	0.04	0.01769	88.26
329	Rikenella_OTU#557	0.025	0.02	0.02	0.01693	88.29
330	Paludibacter_OTU#332	0.025	0.02	0.02	0.01692	88.32
331	Barnesiella_OTU#435	0.025	0.02	0.02	0.01692	88.35
332	Anaerophaga_OTU#467	0.05	0	0	0.01538	88.38
333	Barnesiella_OTU#428	0.05	0	0	0.01538	88.41
334	Syntrophococcus_OTU#440	0.05	0	0	0.01538	88.43
335	Allobaculum_OTU#421	0.05	0	0	0.01538	88.46
336	Paludibacter_OTU#105	0.05	0	0	0.01538	88.49
337	Allobaculum_OTU#362	0.05	0	0	0.01538	88.52
338	Limibacter_OTU#354	0.05	0	0	0.01538	88.54
339	Lawsonia_OTU#91	0.05	0	0	0.01538	88.57
340	Paludibacter_OTU#10	0.05	0	0	0.01538	88.6
341	Parasutterella_OTU#376	0.05	0	0	0.01538	88.62
342	Paludibacter_OTU#464	0.05	0	0	0.01538	88.65
343	Paludibacter_OTU#488	0.05	0	0	0.01538	88.68
344	Limibacter_OTU#124	0.05	0	0	0.01538	88.7
345	Allobaculum_OTU#444	0.05	0	0	0.01538	88.73
346	Paludibacter_OTU#505	0.05	0	0	0.01538	88.76
347	Allobaculum_OTU#397	0.05	0	0	0.01538	88.79
348	unclassified_Bacteroidetes_OTU#390	0.05	0	0	0.01538	88.81
349	Calditerrivibrio_OTU#367	0.05	0	0	0.01538	88.84
350	Paludibacter_OTU#350	0.05	0	0	0.01538	88.87
351	Allobaculum_OTU#76	0.05	0	0	0.01538	88.89
352	Oscillibacter_OTU#1091	0	0.04	0	0.01385	88.92
353	Robinsoniella_OTU#246	0	0.04	0	0.01385	88.94
354	Blautia_OTU#284	0	0.04	0	0.01385	88.97
355	Robinsoniella_OTU#316	0	0.04	0	0.01385	88.99
356	Barnesiella_OTU#179	0	0.04	0	0.01385	89.01
357	Marvinbryantia_OTU#1065	0	0.04	0	0.01385	89.04
358	unclassified_Bacteroidetes_OTU#1052	0	0.04	0	0.01385	89.06
359	unclassified_Clostridiales_OTU#1040	0	0.04	0	0.01385	89.09

Supplementary Table 4

360	unclassified_Bacteroidales_OTU#904	0	0.04	0	0.01385	89.11
361	Pseudozobellia_OTU#606	0	0	0.04	0.01385	89.14
362	unclassified_Porphyrromonadaceae_OTU#733	0	0	0.04	0.01385	89.16
363	Catenibacterium_OTU#705	0	0	0.04	0.01385	89.18
364	Paludibacter_OTU#757	0	0	0.04	0.01385	89.21
365	Tannerella_OTU#739	0	0	0.04	0.01385	89.23
366	unclassified_Bacteroidales_OTU#688	0	0	0.04	0.01385	89.26
367	Paludibacter_OTU#772	0	0	0.04	0.01385	89.28
368	Paludibacter_OTU#696	0	0	0.04	0.01385	89.31
369	Paludibacter_OTU#663	0	0	0.04	0.01385	89.33
370	Anaerophaga_OTU#605	0	0	0.04	0.01385	89.35
371	unclassified_Bacteroidales_OTU#583	0	0	0.04	0.01385	89.38
372	Paludibacter_OTU#855	0	0	0.04	0.01385	89.4
373	Rikenella_OTU#730	0	0	0.04	0.01385	89.43
374	unclassified_Bacteroidales_OTU#698	0	0	0.04	0.01385	89.45
375	unclassified_Bacteroidales_OTU#639	0	0	0.04	0.01385	89.48
376	Anaerophaga_OTU#627	0	0	0.04	0.01385	89.5
377	Paludibacter_OTU#625	0	0	0.04	0.01385	89.52
378	Paludibacter_OTU#612	0	0	0.04	0.01385	89.55
379	Barnesiella_OTU#603	0	0	0.04	0.01385	89.57
380	unclassified_Bacteroidales_OTU#586	0	0	0.04	0.01385	89.6
381	unclassified_Porphyrromonadaceae_OTU#830	0	0	0.04	0.01385	89.62
382	Anaerostipes_OTU#808	0	0	0.04	0.01385	89.65
383	unclassified_Ruminococcaceae_OTU#243	0	0.04	0	0.01385	89.67
384	Paludibacter_OTU#960	0	0.04	0	0.01385	89.69
385	Prevotella_OTU#287	0	0.04	0	0.01385	89.72
386	unclassified_Lachnospiraceae_OTU#234	0	0.04	0	0.01385	89.74
387	Paludibacter_OTU#233	0	0.04	0	0.01385	89.77
388	Oscillibacter_OTU#289	0	0.04	0	0.01385	89.79
389	Papillibacter_OTU#1023	0	0.04	0	0.01385	89.82
390	Dorea_OTU#1050	0	0.04	0	0.01385	89.84
391	Paludibacter_OTU#953	0	0.04	0	0.01385	89.86
392	unclassified_Bacteroidales_OTU#987	0	0.04	0	0.01385	89.89
393	Limibacter_OTU#295	0	0.04	0	0.01384	89.91
394	unclassified_Bacteroidales_OTU#931	0	0.04	0	0.01384	89.94
395	Anaerophaga_OTU#898	0	0.04	0	0.01384	89.96
396	Parasutterella_OTU#899	0	0.04	0	0.01384	89.99
397	Paludibacter_OTU#918	0	0.04	0	0.01384	90.01
398	Roseburia_OTU#135	0.025	0.02	0	0.01308	90.03
399	Rikenella_OTU#54	0.025	0.02	0	0.01308	90.06
400	Dorea_OTU#398	0.025	0.02	0	0.01308	90.08

401	Limibacter_OTU#368	0.025	0.02	0	0.01308	90.1
402	Paludibacter_OTU#479	0.025	0	0.02	0.01308	90.12
403	Barnesiella_OTU#472	0.025	0	0.02	0.01308	90.15
404	Paludibacter_OTU#433	0.025	0	0.02	0.01308	90.17
405	unclassified_Bacteroidales_OTU#347	0.025	0	0.02	0.01308	90.19
406	Paludibacter_OTU#514	0.025	0	0.02	0.01308	90.22
407	Paludibacter_OTU#471	0.025	0	0.02	0.01308	90.24
408	Paludibacter_OTU#454	0.025	0	0.02	0.01308	90.26
409	Paludibacter_OTU#101	0.025	0	0.02	0.01308	90.29
410	Paludibacter_OTU#149	0.025	0	0.02	0.01308	90.31
411	Anaerophaga_OTU#47	0.025	0	0.02	0.01308	90.33
412	Paludibacter_OTU#93	0.025	0	0.02	0.01308	90.35
413	unclassified_Bacteroidetes_OTU#369	0.025	0	0.02	0.01308	90.38
414	Anaerophaga_OTU#83	0.025	0	0.02	0.01308	90.4
415	Paludibacter_OTU#155	0.025	0	0.02	0.01308	90.42
416	Paludibacter_OTU#129	0.025	0	0.02	0.01308	90.45
417	Paludibacter_OTU#27	0.025	0	0.02	0.01308	90.47
418	Butyricoccus_OTU#98	0.025	0	0.02	0.01308	90.49
419	Enterorhabdus_OTU#545	0.025	0	0.02	0.01308	90.51
420	Blautia_OTU#214	0.025	0.02	0	0.01308	90.54
421	Robinsoniella_OTU#470	0.025	0.02	0	0.01308	90.56
422	Roseburia_OTU#446	0.025	0.02	0	0.01308	90.58
423	unclassified_Bacteroidales_OTU#345	0.025	0.02	0	0.01308	90.61
424	Paludibacter_OTU#549	0.025	0.02	0	0.01308	90.63
425	Paludibacter_OTU#511	0.025	0.02	0	0.01308	90.65
426	Barnesiella_OTU#36	0.025	0.02	0	0.01308	90.68
427	Paludibacter_OTU#502	0.025	0.02	0	0.01307	90.7
428	Paludibacter_OTU#561	0.025	0.02	0	0.01307	90.72
429	unclassified_Bacteroidales_OTU#532	0.025	0.02	0	0.01307	90.74
430	Paludibacter_OTU#773	0	0.02	0.02	0.01231	90.77
431	Limibacter_OTU#628	0	0.02	0.02	0.01231	90.79
432	Barnesiella_OTU#810	0	0.02	0.02	0.01231	90.81
433	Paludibacter_OTU#814	0	0.02	0.02	0.01231	90.83
434	Anaerotruncus_OTU#280	0	0.02	0.02	0.01231	90.85
435	Limibacter_OTU#197	0	0.02	0.02	0.01231	90.87
436	unclassified_Bacteroidales_OTU#593	0	0.02	0.02	0.01231	90.9
437	Barnesiella_OTU#230	0	0.02	0.02	0.01231	90.92
438	Oscillibacter_OTU#570	0	0.02	0.02	0.01231	90.94
439	Paludibacter_OTU#212	0	0.02	0.02	0.01231	90.96
440	Paludibacter_OTU#775	0	0.02	0.02	0.01231	90.98
441	Paludibacter_OTU#786	0	0.02	0.02	0.01231	91

442	Barnesiella_OTU#776	0	0.02	0.02	0.01231	91.02
443	Barnesiella_OTU#771	0	0.02	0.02	0.01231	91.05
444	Lachnobacterium_OTU#662	0	0.02	0.02	0.01231	91.07
445	Paludibacter_OTU#661	0	0.02	0.02	0.01231	91.09
446	Paludibacter_OTU#575	0	0.02	0.02	0.01231	91.11
447	Anaerophaga_OTU#881	0	0.02	0.02	0.01231	91.13
448	unclassified_Firmicutes_OTU#871	0	0.02	0.02	0.01231	91.15
449	Paludibacter_OTU#717	0	0.02	0.02	0.01231	91.18
450	unclassified_Clostridiales_OTU#693	0	0.02	0.02	0.01231	91.2
451	Paludibacter_OTU#893	0	0.02	0.02	0.01231	91.22
452	Paludibacter_OTU#880	0	0.02	0.02	0.01231	91.24
453	Paludibacter_OTU#823	0	0.02	0.02	0.01231	91.26
454	Barnesiella_OTU#309	0	0.02	0.02	0.01231	91.28
455	Paludibacter_OTU#836	0	0.02	0.02	0.01231	91.31
456	Paludibacter_OTU#764	0	0.02	0.02	0.01231	91.33
457	Pseudozobellia_OTU#799	0	0.02	0.02	0.01231	91.35
458	Paludibacter_OTU#883	0	0.02	0.02	0.01231	91.37
459	Barnesiella_OTU#860	0	0.02	0.02	0.01231	91.39
460	Paludibacter_OTU#887	0	0.02	0.02	0.01231	91.41
461	Paludibacter_OTU#576	0	0.02	0.02	0.01231	91.43
462	Paludibacter_OTU#710	0	0.02	0.02	0.01231	91.46
463	Limibacter_OTU#463	0.025	0	0	0.007692	91.47
464	Allobaculum_OTU#504	0.025	0	0	0.007692	91.48
465	Catenibacterium_OTU#500	0.025	0	0	0.007692	91.5
466	Anaerophaga_OTU#496	0.025	0	0	0.007692	91.51
467	Rikenella_OTU#494	0.025	0	0	0.007692	91.52
468	Rikenella_OTU#493	0.025	0	0	0.007692	91.54
469	Paludibacter_OTU#492	0.025	0	0	0.007692	91.55
470	Barnesiella_OTU#475	0.025	0	0	0.007692	91.56
471	Paludibacter_OTU#482	0.025	0	0	0.007692	91.58
472	Limibacter_OTU#481	0.025	0	0	0.007692	91.59
473	Rikenella_OTU#480	0.025	0	0	0.007692	91.6
474	Allobaculum_OTU#478	0.025	0	0	0.007692	91.62
475	Limibacter_OTU#477	0.025	0	0	0.007692	91.63
476	Limibacter_OTU#476	0.025	0	0	0.007692	91.65
477	Anaerophaga_OTU#485	0.025	0	0	0.007692	91.66
478	Ruminococcus_OTU#491	0.025	0	0	0.007692	91.67
479	Barnesiella_OTU#474	0.025	0	0	0.007692	91.69
480	Barnesiella_OTU#473	0.025	0	0	0.007692	91.7
481	Syntrophococcus_OTU#490	0.025	0	0	0.007692	91.71
482	Paludibacter_OTU#495	0.025	0	0	0.007692	91.73

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483	Barnesiella_OTU#468	0.025	0	0	0.007692	91.74
484	Paludibacter_OTU#466	0.025	0	0	0.007692	91.75
485	Paludibacter_OTU#484	0.025	0	0	0.007692	91.77
486	Tannerella_OTU#465	0.025	0	0	0.007692	91.78
487	Limibacter_OTU#461	0.025	0	0	0.007692	91.79
488	Paludibacter_OTU#460	0.025	0	0	0.007692	91.81
489	Anaerophaga_OTU#459	0.025	0	0	0.007692	91.82
490	Barnesiella_OTU#458	0.025	0	0	0.007692	91.83
491	Barnesiella_OTU#456	0.025	0	0	0.007692	91.85
492	Paludibacter_OTU#455	0.025	0	0	0.007692	91.86
493	Mucispirillum_OTU#452	0.025	0	0	0.007692	91.87
494	Paludibacter_OTU#483	0.025	0	0	0.007692	91.89
495	Barnesiella_OTU#451	0.025	0	0	0.007692	91.9
496	Limibacter_OTU#450	0.025	0	0	0.007692	91.91
497	Paludibacter_OTU#448	0.025	0	0	0.007692	91.93
498	Limibacter_OTU#499	0.025	0	0	0.007692	91.94
499	Anaerovorax_OTU#498	0.025	0	0	0.007692	91.96
500	Barnesiella_OTU#441	0.025	0	0	0.007692	91.97
501	Limibacter_OTU#437	0.025	0	0	0.007692	91.98
502	Limibacter_OTU#436	0.025	0	0	0.007692	92
503	Limibacter_OTU#434	0.025	0	0	0.007692	92.01
504	Limibacter_OTU#438	0.025	0	0	0.007692	92.02
505	Anaerophaga_OTU#442	0.025	0	0	0.007692	92.04
506	Rikenella_OTU#431	0.025	0	0	0.007692	92.05
507	Anaerophaga_OTU#430	0.025	0	0	0.007692	92.06
508	Allobaculum_OTU#445	0.025	0	0	0.007692	92.08
509	Limibacter_OTU#426	0.025	0	0	0.007692	92.09
510	Paludibacter_OTU#425	0.025	0	0	0.007692	92.1
511	Paludibacter_OTU#447	0.025	0	0	0.007692	92.12
512	Parasporobacterium_OTU#439	0.025	0	0	0.007692	92.13
513	Paludibacter_OTU#501	0.025	0	0	0.007692	92.14
514	Rikenella_OTU#497	0.025	0	0	0.007692	92.16
515	Rikenella_OTU#503	0.025	0	0	0.007692	92.17
516	Barnesiella_OTU#126	0.025	0	0	0.007692	92.18
517	Paraprevotella_OTU#61	0.025	0	0	0.007692	92.2
518	Parasutterella_OTU#120	0.025	0	0	0.007692	92.21
519	Limibacter_OTU#122	0.025	0	0	0.007692	92.23
520	Paludibacter_OTU#69	0.025	0	0	0.007692	92.24
521	Paludibacter_OTU#116	0.025	0	0	0.007692	92.25
522	Barnesiella_OTU#140	0.025	0	0	0.007692	92.27
523	Barnesiella_OTU#141	0.025	0	0	0.007692	92.28

524	Butyrivibrio_OTU#113	0.025	0	0	0.007692	92.29
525	Paludibacter_OTU#109	0.025	0	0	0.007692	92.31
526	Tannerella_OTU#51	0.025	0	0	0.007692	92.32
527	Paludibacter_OTU#96	0.025	0	0	0.007692	92.33
528	Limibacter_OTU#25	0.025	0	0	0.007692	92.35
529	Barnesiella_OTU#95	0.025	0	0	0.007692	92.36
530	Tannerella_OTU#94	0.025	0	0	0.007692	92.37
531	Barnesiella_OTU#31	0.025	0	0	0.007692	92.39
532	Barnesiella_OTU#88	0.025	0	0	0.007692	92.4
533	Paludibacter_OTU#44	0.025	0	0	0.007692	92.41
534	Allobaculum_OTU#85	0.025	0	0	0.007692	92.43
535	Barnesiella_OTU#133	0.025	0	0	0.007692	92.44
536	Barnesiella_OTU#167	0.025	0	0	0.007692	92.45
537	Barnesiella_OTU#164	0.025	0	0	0.007692	92.47
538	Anaerophaga_OTU#161	0.025	0	0	0.007692	92.48
539	Barnesiella_OTU#20	0.025	0	0	0.007692	92.5
540	Paludibacter_OTU#160	0.025	0	0	0.007692	92.51
541	Barnesiella_OTU#159	0.025	0	0	0.007692	92.52
542	Barnesiella_OTU#79	0.025	0	0	0.007692	92.54
543	Paludibacter_OTU#78	0.025	0	0	0.007692	92.55
544	Barnesiella_OTU#156	0.025	0	0	0.007692	92.56
545	Rikenella_OTU#151	0.025	0	0	0.007692	92.58
546	Olsenella_OTU#75	0.025	0	0	0.007692	92.59
547	Tannerella_OTU#130	0.025	0	0	0.007692	92.6
548	Paludibacter_OTU#74	0.025	0	0	0.007692	92.62
549	Anaerophaga_OTU#137	0.025	0	0	0.007692	92.63
550	Paludibacter_OTU#73	0.025	0	0	0.007692	92.64
551	Escherichia/Shigella_OTU#146	0.025	0	0	0.007692	92.66
552	Olsenella_OTU#145	0.025	0	0	0.007692	92.67
553	Barnesiella_OTU#144	0.025	0	0	0.007692	92.68
554	Paludibacter_OTU#65	0.025	0	0	0.007692	92.7
555	Parasporobacterium_OTU#143	0.025	0	0	0.007692	92.71
556	Paludibacter_OTU#68	0.025	0	0	0.007692	92.72
557	Limibacter_OTU#128	0.025	0	0	0.007692	92.74
558	Allobaculum_OTU#509	0.025	0	0	0.007692	92.75
559	Rikenella_OTU#508	0.025	0	0	0.007692	92.76
560	Asaccharobacter_OTU#506	0.025	0	0	0.007692	92.78
561	Barnesiella_OTU#558	0.025	0	0	0.007692	92.79
562	Anaerophaga_OTU#559	0.025	0	0	0.007692	92.81
563	Anaerophaga_OTU#562	0.025	0	0	0.007692	92.82
564	Barnesiella_OTU#424	0.025	0	0	0.007692	92.83

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565	Pseudozobellia_OTU#419	0.025	0	0	0.007692	92.85
566	Acetanaerobacterium_OTU#418	0.025	0	0	0.007692	92.86
567	Parasporobacterium_OTU#417	0.025	0	0	0.007692	92.87
568	Allofustis_OTU#416	0.025	0	0	0.007692	92.89
569	Lachnobacterium_OTU#415	0.025	0	0	0.007692	92.9
570	Paludibacter_OTU#414	0.025	0	0	0.007692	92.91
571	Paludibacter_OTU#413	0.025	0	0	0.007692	92.93
572	Parasutterella_OTU#412	0.025	0	0	0.007692	92.94
573	Paludibacter_OTU#411	0.025	0	0	0.007692	92.95
574	Allobaculum_OTU#410	0.025	0	0	0.007692	92.97
575	Tannerella_OTU#409	0.025	0	0	0.007692	92.98
576	Paludibacter_OTU#408	0.025	0	0	0.007692	92.99
577	Limibacter_OTU#407	0.025	0	0	0.007692	93.01
578	Caminiella_OTU#406	0.025	0	0	0.007692	93.02
579	Anaerophaga_OTU#405	0.025	0	0	0.007692	93.03
580	Barnesiella_OTU#403	0.025	0	0	0.007692	93.05
581	Paludibacter_OTU#402	0.025	0	0	0.007692	93.06
582	Acetanaerobacterium_OTU#401	0.025	0	0	0.007692	93.08
583	Limibacter_OTU#394	0.025	0	0	0.007692	93.09
584	Paludibacter_OTU#392	0.025	0	0	0.007692	93.1
585	Anaerophaga_OTU#388	0.025	0	0	0.007692	93.12
586	Lawsonia_OTU#395	0.025	0	0	0.007692	93.13
587	Paludibacter_OTU#387	0.025	0	0	0.007692	93.14
588	Asaccharobacter_OTU#386	0.025	0	0	0.007692	93.16
589	Anaerophaga_OTU#385	0.025	0	0	0.007692	93.17
590	Paludibacter_OTU#384	0.025	0	0	0.007692	93.18
591	Coprococcus_OTU#383	0.025	0	0	0.007692	93.2
592	Lachnobacterium_OTU#382	0.025	0	0	0.007692	93.21
593	Rikenella_OTU#381	0.025	0	0	0.007692	93.22
594	Parasporobacterium_OTU#380	0.025	0	0	0.007692	93.24
595	Paludibacter_OTU#379	0.025	0	0	0.007692	93.25
596	Rikenella_OTU#377	0.025	0	0	0.007692	93.26
597	Allobaculum_OTU#375	0.025	0	0	0.007692	93.28
598	Rikenella_OTU#373	0.025	0	0	0.007692	93.29
599	Lachnobacterium_OTU#372	0.025	0	0	0.007692	93.3
600	Limibacter_OTU#370	0.025	0	0	0.007692	93.32
601	Anaerotruncus_OTU#366	0.025	0	0	0.007692	93.33
602	Lachnobacterium_OTU#364	0.025	0	0	0.007692	93.34
603	Caminiella_OTU#361	0.025	0	0	0.007692	93.36
604	Rikenella_OTU#360	0.025	0	0	0.007692	93.37
605	Limibacter_OTU#359	0.025	0	0	0.007692	93.39

606	Coprococcus_OTU#358	0.025	0	0	0.007692	93.4
607	Dorea_OTU#355	0.025	0	0	0.007692	93.41
608	Allobaculum_OTU#353	0.025	0	0	0.007692	93.43
609	Pseudozobellia_OTU#349	0.025	0	0	0.007692	93.44
610	Limibacter_OTU#348	0.025	0	0	0.007692	93.45
611	Paludibacter_OTU#344	0.025	0	0	0.007692	93.47
612	Paludibacter_OTU#542	0.025	0	0	0.007692	93.48
613	Anaerophaga_OTU#399	0.025	0	0	0.007692	93.49
614	Paludibacter_OTU#517	0.025	0	0	0.007692	93.51
615	Limibacter_OTU#560	0.025	0	0	0.007692	93.52
616	Anaerophaga_OTU#556	0.025	0	0	0.007692	93.53
617	Paludibacter_OTU#548	0.025	0	0	0.007692	93.55
618	Rikenella_OTU#544	0.025	0	0	0.007692	93.56
619	Limibacter_OTU#540	0.025	0	0	0.007692	93.57
620	Anaerophaga_OTU#536	0.025	0	0	0.007692	93.59
621	Tannerella_OTU#538	0.025	0	0	0.007692	93.6
622	Paludibacter_OTU#534	0.025	0	0	0.007692	93.61
623	Anaerophaga_OTU#539	0.025	0	0	0.007692	93.63
624	Limibacter_OTU#533	0.025	0	0	0.007692	93.64
625	Salinibacterium_OTU#537	0.025	0	0	0.007692	93.66
626	Tannerella_OTU#531	0.025	0	0	0.007692	93.67
627	Limibacter_OTU#530	0.025	0	0	0.007692	93.68
628	Anaerophaga_OTU#541	0.025	0	0	0.007692	93.7
629	Limibacter_OTU#529	0.025	0	0	0.007692	93.71
630	Allobaculum_OTU#543	0.025	0	0	0.007692	93.72
631	Paludibacter_OTU#546	0.025	0	0	0.007692	93.74
632	Barnesiella_OTU#527	0.025	0	0	0.007692	93.75
633	Rikenella_OTU#525	0.025	0	0	0.007692	93.76
634	Paludibacter_OTU#547	0.025	0	0	0.007692	93.78
635	Allobaculum_OTU#523	0.025	0	0	0.007692	93.79
636	Paludibacter_OTU#522	0.025	0	0	0.007692	93.8
637	Paludibacter_OTU#521	0.025	0	0	0.007692	93.82
638	Limibacter_OTU#520	0.025	0	0	0.007692	93.83
639	Allobaculum_OTU#535	0.025	0	0	0.007692	93.84
640	Anaerophaga_OTU#518	0.025	0	0	0.007692	93.86
641	Allobaculum_OTU#553	0.025	0	0	0.007692	93.87
642	Lachnobacterium_OTU#554	0.025	0	0	0.007692	93.88
643	Rikenella_OTU#516	0.025	0	0	0.007692	93.9
644	Pseudozobellia_OTU#551	0.025	0	0	0.007692	93.91
645	Paludibacter_OTU#515	0.025	0	0	0.007692	93.93
646	Rikenella_OTU#555	0.025	0	0	0.007692	93.94

647	Bradyrhizobium_OTU#513	0.025	0	0	0.007692	93.95
648	Limibacter_OTU#512	0.025	0	0	0.007692	93.97
649	Roseburia_OTU#1111	0	0.02	0	0.006927	93.98
650	Paludibacter_OTU#1119	0	0.02	0	0.006927	93.99
651	Anaerophaga_OTU#1123	0	0.02	0	0.006927	94
652	Agromonas_OTU#1115	0	0.02	0	0.006927	94.01
653	Faecalibacterium_OTU#1131	0	0.02	0	0.006927	94.03
654	Rikenella_OTU#1127	0	0.02	0	0.006927	94.04
655	Dorea_OTU#1137	0	0.02	0	0.006927	94.05
656	Pseudozobellia_OTU#1139	0	0.02	0	0.006927	94.06
657	Anaerophaga_OTU#1135	0	0.02	0	0.006927	94.07
658	Paludibacter_OTU#1143	0	0.02	0	0.006927	94.09
659	Acetanaerobacterium_OTU#1144	0	0.02	0	0.006927	94.1
660	Alkaliflexus_OTU#1142	0	0.02	0	0.006927	94.11
661	Robinsoniella_OTU#1141	0	0.02	0	0.006927	94.12
662	Paludibacter_OTU#1140	0	0.02	0	0.006927	94.14
663	Butyrivibrio_OTU#1138	0	0.02	0	0.006927	94.15
664	Oscillibacter_OTU#1136	0	0.02	0	0.006927	94.16
665	Blautia_OTU#1134	0	0.02	0	0.006927	94.17
666	Anaerophaga_OTU#1133	0	0.02	0	0.006927	94.18
667	Paludibacter_OTU#1132	0	0.02	0	0.006927	94.2
668	Coprococcus_OTU#1130	0	0.02	0	0.006927	94.21
669	Paludibacter_OTU#1129	0	0.02	0	0.006927	94.22
670	Paraeggerthella_OTU#1128	0	0.02	0	0.006927	94.23
671	Coprococcus_OTU#1126	0	0.02	0	0.006927	94.24
672	Hydrogenoanaerobacterium_OTU#1125	0	0.02	0	0.006927	94.26
673	Anaerophaga_OTU#1124	0	0.02	0	0.006927	94.27
674	Sporobacterium_OTU#1122	0	0.02	0	0.006927	94.28
675	Anaerophaga_OTU#1121	0	0.02	0	0.006927	94.29
676	Pseudozobellia_OTU#1120	0	0.02	0	0.006927	94.31
677	Anaerotruncus_OTU#1118	0	0.02	0	0.006927	94.32
678	Robinsoniella_OTU#1117	0	0.02	0	0.006927	94.33
679	Limibacter_OTU#1116	0	0.02	0	0.006927	94.34
680	Limibacter_OTU#1114	0	0.02	0	0.006927	94.35
681	Paludibacter_OTU#1113	0	0.02	0	0.006927	94.37
682	Paludibacter_OTU#1112	0	0.02	0	0.006927	94.38
683	Anaerophaga_OTU#1110	0	0.02	0	0.006927	94.39
684	Robinsoniella_OTU#1109	0	0.02	0	0.006927	94.4
685	Marvinbryantia_OTU#1108	0	0.02	0	0.006927	94.41
686	Paludibacter_OTU#1106	0	0.02	0	0.006927	94.43
687	Dorea_OTU#1105	0	0.02	0	0.006927	94.44

688	Paludibacter_OTU#1104	0	0.02	0	0.006927	94.45
689	Paludibacter_OTU#1102	0	0.02	0	0.006927	94.46
690	Anaerophaga_OTU#1101	0	0.02	0	0.006927	94.48
691	Dorea_OTU#1100	0	0.02	0	0.006927	94.49
692	Lachnobacterium_OTU#1098	0	0.02	0	0.006927	94.5
693	Paludibacter_OTU#1097	0	0.02	0	0.006927	94.51
694	Robinsoniella_OTU#1096	0	0.02	0	0.006927	94.52
695	Barnesiella_OTU#1094	0	0.02	0	0.006927	94.54
696	Paludibacter_OTU#1093	0	0.02	0	0.006927	94.55
697	Barnesiella_OTU#1092	0	0.02	0	0.006927	94.56
698	Barnesiella_OTU#1090	0	0.02	0	0.006927	94.57
699	Butyricococcus_OTU#1089	0	0.02	0	0.006927	94.59
700	Robinsoniella_OTU#1086	0	0.02	0	0.006927	94.6
701	Barnesiella_OTU#1085	0	0.02	0	0.006927	94.61
702	Sporobacter_OTU#1084	0	0.02	0	0.006927	94.62
703	Coprococcus_OTU#1082	0	0.02	0	0.006927	94.63
704	Marvinbryantia_OTU#1081	0	0.02	0	0.006927	94.65
705	Coprococcus_OTU#1080	0	0.02	0	0.006927	94.66
706	Anaerotruncus_OTU#1078	0	0.02	0	0.006927	94.67
707	Anaerotruncus_OTU#1077	0	0.02	0	0.006927	94.68
708	Anaerotruncus_OTU#1076	0	0.02	0	0.006927	94.69
709	Anaerophaga_OTU#1075	0	0.02	0	0.006927	94.71
710	Paraprevotella_OTU#1074	0	0.02	0	0.006927	94.72
711	Howardella_OTU#1073	0	0.02	0	0.006927	94.73
712	Paludibacter_OTU#1072	0	0.02	0	0.006927	94.74
713	Acetitomaculum_OTU#1079	0	0.02	0	0.006927	94.76
714	Acetitomaculum_OTU#1083	0	0.02	0	0.006927	94.77
715	Marvinbryantia_OTU#1095	0	0.02	0	0.006927	94.78
716	Robinsoniella_OTU#1103	0	0.02	0	0.006927	94.79
717	Paludibacter_OTU#1087	0	0.02	0	0.006927	94.8
718	Barnesiella_OTU#673	0	0	0.02	0.006923	94.82
719	Paludibacter_OTU#672	0	0	0.02	0.006923	94.83
720	Blautia_OTU#671	0	0	0.02	0.006923	94.84
721	Anaerophaga_OTU#670	0	0	0.02	0.006923	94.85
722	Tannerella_OTU#668	0	0	0.02	0.006923	94.86
723	Barnesiella_OTU#667	0	0	0.02	0.006923	94.88
724	Sporobacterium_OTU#666	0	0	0.02	0.006923	94.89
725	Alistipes_OTU#665	0	0	0.02	0.006923	94.9
726	Paludibacter_OTU#664	0	0	0.02	0.006923	94.91
727	Tannerella_OTU#660	0	0	0.02	0.006923	94.93
728	Marvinbryantia_OTU#659	0	0	0.02	0.006923	94.94

Supplementary Table 4

729	Paludibacter_OTU#658	0	0	0.02	0.006923	94.95
730	Paludibacter_OTU#657	0	0	0.02	0.006923	94.96
731	Paludibacter_OTU#655	0	0	0.02	0.006923	94.97
732	Paludibacter_OTU#654	0	0	0.02	0.006923	94.99
733	Barnesiella_OTU#652	0	0	0.02	0.006923	95
734	Oscillibacter_OTU#651	0	0	0.02	0.006923	95.01
735	Lachnobacterium_OTU#650	0	0	0.02	0.006923	95.02
736	Hallella_OTU#649	0	0	0.02	0.006923	95.03
737	Paludibacter_OTU#648	0	0	0.02	0.006923	95.05
738	Tannerella_OTU#647	0	0	0.02	0.006923	95.06
739	Tannerella_OTU#645	0	0	0.02	0.006923	95.07
740	Lachnobacterium_OTU#638	0	0	0.02	0.006923	95.08
741	Barnesiella_OTU#637	0	0	0.02	0.006923	95.1
742	Tannerella_OTU#636	0	0	0.02	0.006923	95.11
743	Anaerophaga_OTU#635	0	0	0.02	0.006923	95.12
744	Roseburia_OTU#634	0	0	0.02	0.006923	95.13
745	Paludibacter_OTU#633	0	0	0.02	0.006923	95.14
746	Robinsoniella_OTU#632	0	0	0.02	0.006923	95.16
747	Butyricococcus_OTU#631	0	0	0.02	0.006923	95.17
748	Barnesiella_OTU#630	0	0	0.02	0.006923	95.18
749	Anaerophaga_OTU#629	0	0	0.02	0.006923	95.19
750	Papillibacter_OTU#624	0	0	0.02	0.006923	95.2
751	Anaerophaga_OTU#621	0	0	0.02	0.006923	95.22
752	Tannerella_OTU#619	0	0	0.02	0.006923	95.23
753	Turicibacter_OTU#618	0	0	0.02	0.006923	95.24
754	Lachnobacterium_OTU#615	0	0	0.02	0.006923	95.25
755	Tannerella_OTU#613	0	0	0.02	0.006923	95.27
756	Paludibacter_OTU#609	0	0	0.02	0.006923	95.28
757	Barnesiella_OTU#607	0	0	0.02	0.006923	95.29
758	Marvinbryantia_OTU#601	0	0	0.02	0.006923	95.3
759	Barnesiella_OTU#599	0	0	0.02	0.006923	95.31
760	Alistipes_OTU#594	0	0	0.02	0.006923	95.33
761	Limibacter_OTU#591	0	0	0.02	0.006923	95.34
762	Paludibacter_OTU#588	0	0	0.02	0.006923	95.35
763	Paludibacter_OTU#585	0	0	0.02	0.006923	95.36
764	Barnesiella_OTU#582	0	0	0.02	0.006923	95.37
765	Parasutterella_OTU#578	0	0	0.02	0.006923	95.39
766	Proteiniphilum_OTU#572	0	0	0.02	0.006923	95.4
767	Rikenella_OTU#569	0	0	0.02	0.006923	95.41
768	Paludibacter_OTU#568	0	0	0.02	0.006923	95.42
769	Butyrivibrio_OTU#565	0	0	0.02	0.006923	95.44

770	Anaerophaga_OTU#803	0	0	0.02	0.006923	95.45
771	Paludibacter_OTU#802	0	0	0.02	0.006923	95.46
772	Barnesiella_OTU#801	0	0	0.02	0.006923	95.47
773	Paludibacter_OTU#800	0	0	0.02	0.006923	95.48
774	Paludibacter_OTU#798	0	0	0.02	0.006923	95.5
775	Paludibacter_OTU#797	0	0	0.02	0.006923	95.51
776	Paludibacter_OTU#796	0	0	0.02	0.006923	95.52
777	Barnesiella_OTU#794	0	0	0.02	0.006923	95.53
778	Marvinbryantia_OTU#793	0	0	0.02	0.006923	95.54
779	Tannerella_OTU#792	0	0	0.02	0.006923	95.56
780	Anaerophaga_OTU#790	0	0	0.02	0.006923	95.57
781	Paludibacter_OTU#789	0	0	0.02	0.006923	95.58
782	Lactobacillus_OTU#787	0	0	0.02	0.006923	95.59
783	Paludibacter_OTU#785	0	0	0.02	0.006923	95.61
784	Paludibacter_OTU#783	0	0	0.02	0.006923	95.62
785	Barnesiella_OTU#782	0	0	0.02	0.006923	95.63
786	Paludibacter_OTU#781	0	0	0.02	0.006923	95.64
787	Paludibacter_OTU#780	0	0	0.02	0.006923	95.65
788	Rikenella_OTU#779	0	0	0.02	0.006923	95.67
789	Hallella_OTU#778	0	0	0.02	0.006923	95.68
790	Paludibacter_OTU#791	0	0	0.02	0.006923	95.69
791	Limibacter_OTU#777	0	0	0.02	0.006923	95.7
792	Anaerophaga_OTU#774	0	0	0.02	0.006923	95.71
793	Rikenella_OTU#770	0	0	0.02	0.006923	95.73
794	Paludibacter_OTU#795	0	0	0.02	0.006923	95.74
795	Limibacter_OTU#768	0	0	0.02	0.006923	95.75
796	Paludibacter_OTU#767	0	0	0.02	0.006923	95.76
797	Barnesiella_OTU#766	0	0	0.02	0.006923	95.77
798	Paludibacter_OTU#765	0	0	0.02	0.006923	95.79
799	Paludibacter_OTU#763	0	0	0.02	0.006923	95.8
800	Barnesiella_OTU#762	0	0	0.02	0.006923	95.81
801	Paludibacter_OTU#761	0	0	0.02	0.006923	95.82
802	Barnesiella_OTU#760	0	0	0.02	0.006923	95.84
803	Paludibacter_OTU#759	0	0	0.02	0.006923	95.85
804	Paludibacter_OTU#758	0	0	0.02	0.006923	95.86
805	Aminiphilus_OTU#754	0	0	0.02	0.006923	95.87
806	Paludibacter_OTU#753	0	0	0.02	0.006923	95.88
807	Paludibacter_OTU#752	0	0	0.02	0.006923	95.9
808	Rikenella_OTU#751	0	0	0.02	0.006923	95.91
809	Tannerella_OTU#750	0	0	0.02	0.006923	95.92
810	Parabacteroides_OTU#749	0	0	0.02	0.006923	95.93

811	Anaerophaga_OTU#748	0	0	0.02	0.006923	95.94
812	Paludibacter_OTU#747	0	0	0.02	0.006923	95.96
813	Paludibacter_OTU#746	0	0	0.02	0.006923	95.97
814	Limibacter_OTU#743	0	0	0.02	0.006923	95.98
815	Paludibacter_OTU#742	0	0	0.02	0.006923	95.99
816	Paludibacter_OTU#741	0	0	0.02	0.006923	96.01
817	Paludibacter_OTU#738	0	0	0.02	0.006923	96.02
818	Paludibacter_OTU#737	0	0	0.02	0.006923	96.03
819	Paludibacter_OTU#736	0	0	0.02	0.006923	96.04
820	Anaerophaga_OTU#735	0	0	0.02	0.006923	96.05
821	Paludibacter_OTU#734	0	0	0.02	0.006923	96.07
822	Anaerophaga_OTU#731	0	0	0.02	0.006923	96.08
823	Anaerophaga_OTU#728	0	0	0.02	0.006923	96.09
824	Barnesiella_OTU#727	0	0	0.02	0.006923	96.1
825	Anaerophaga_OTU#725	0	0	0.02	0.006923	96.11
826	Barnesiella_OTU#723	0	0	0.02	0.006923	96.13
827	Paludibacter_OTU#722	0	0	0.02	0.006923	96.14
828	Tannerella_OTU#720	0	0	0.02	0.006923	96.15
829	Anaerophaga_OTU#718	0	0	0.02	0.006923	96.16
830	Paludibacter_OTU#716	0	0	0.02	0.006923	96.18
831	Paludibacter_OTU#712	0	0	0.02	0.006923	96.19
832	Sharpea_OTU#711	0	0	0.02	0.006923	96.2
833	Tannerella_OTU#709	0	0	0.02	0.006923	96.21
834	Tannerella_OTU#708	0	0	0.02	0.006923	96.22
835	Paludibacter_OTU#706	0	0	0.02	0.006923	96.24
836	Anaerophaga_OTU#704	0	0	0.02	0.006923	96.25
837	Anaerophaga_OTU#703	0	0	0.02	0.006923	96.26
838	Paludibacter_OTU#702	0	0	0.02	0.006923	96.27
839	Paludibacter_OTU#701	0	0	0.02	0.006923	96.28
840	Rikenella_OTU#700	0	0	0.02	0.006923	96.3
841	Paludibacter_OTU#699	0	0	0.02	0.006923	96.31
842	Turicibacter_OTU#697	0	0	0.02	0.006923	96.32
843	Paludibacter_OTU#695	0	0	0.02	0.006923	96.33
844	Paludibacter_OTU#694	0	0	0.02	0.006923	96.35
845	Paludibacter_OTU#690	0	0	0.02	0.006923	96.36
846	Paludibacter_OTU#689	0	0	0.02	0.006923	96.37
847	Tannerella_OTU#686	0	0	0.02	0.006923	96.38
848	Limibacter_OTU#683	0	0	0.02	0.006923	96.39
849	Tannerella_OTU#682	0	0	0.02	0.006923	96.41
850	Paludibacter_OTU#679	0	0	0.02	0.006923	96.42
851	Brochothrix_OTU#676	0	0	0.02	0.006923	96.43

852	Barnesiella_OTU#675	0	0	0.02	0.006923	96.44
853	Anaerophaga_OTU#896	0	0	0.02	0.006923	96.45
854	Tannerella_OTU#894	0	0	0.02	0.006923	96.47
855	Paludibacter_OTU#892	0	0	0.02	0.006923	96.48
856	Paludibacter_OTU#890	0	0	0.02	0.006923	96.49
857	Limibacter_OTU#889	0	0	0.02	0.006923	96.5
858	Barnesiella_OTU#888	0	0	0.02	0.006923	96.52
859	Tannerella_OTU#886	0	0	0.02	0.006923	96.53
860	Barnesiella_OTU#885	0	0	0.02	0.006923	96.54
861	Paludibacter_OTU#884	0	0	0.02	0.006923	96.55
862	Allobaculum_OTU#882	0	0	0.02	0.006923	96.56
863	Barnesiella_OTU#878	0	0	0.02	0.006923	96.58
864	Paludibacter_OTU#877	0	0	0.02	0.006923	96.59
865	Limibacter_OTU#876	0	0	0.02	0.006923	96.6
866	Paludibacter_OTU#874	0	0	0.02	0.006923	96.61
867	Rikenella_OTU#873	0	0	0.02	0.006923	96.62
868	Barnesiella_OTU#872	0	0	0.02	0.006923	96.64
869	Barnesiella_OTU#870	0	0	0.02	0.006923	96.65
870	Lactobacillus_OTU#869	0	0	0.02	0.006923	96.66
871	Paludibacter_OTU#867	0	0	0.02	0.006923	96.67
872	Paludibacter_OTU#865	0	0	0.02	0.006923	96.69
873	Aquiflexum_OTU#863	0	0	0.02	0.006923	96.7
874	Paludibacter_OTU#875	0	0	0.02	0.006923	96.71
875	Paludibacter_OTU#862	0	0	0.02	0.006923	96.72
876	Paludibacter_OTU#861	0	0	0.02	0.006923	96.73
877	Barnesiella_OTU#858	0	0	0.02	0.006923	96.75
878	Limibacter_OTU#879	0	0	0.02	0.006923	96.76
879	Paludibacter_OTU#857	0	0	0.02	0.006923	96.77
880	Barnesiella_OTU#856	0	0	0.02	0.006923	96.78
881	Tannerella_OTU#891	0	0	0.02	0.006923	96.79
882	Tannerella_OTU#895	0	0	0.02	0.006923	96.81
883	Dorea_OTU#854	0	0	0.02	0.006923	96.82
884	Adlercreutzia_OTU#853	0	0	0.02	0.006923	96.83
885	Limibacter_OTU#852	0	0	0.02	0.006923	96.84
886	Paludibacter_OTU#851	0	0	0.02	0.006923	96.86
887	Limibacter_OTU#850	0	0	0.02	0.006923	96.87
888	Tannerella_OTU#849	0	0	0.02	0.006923	96.88
889	Paludibacter_OTU#848	0	0	0.02	0.006923	96.89
890	Anaerophaga_OTU#847	0	0	0.02	0.006923	96.9
891	Rikenella_OTU#845	0	0	0.02	0.006923	96.92
892	Barnesiella_OTU#844	0	0	0.02	0.006923	96.93

893	Anaerophaga_OTU#843	0	0	0.02	0.006923	96.94
894	Anaerophaga_OTU#842	0	0	0.02	0.006923	96.95
895	Paludibacter_OTU#841	0	0	0.02	0.006923	96.96
896	Anaerophaga_OTU#840	0	0	0.02	0.006923	96.98
897	Paludibacter_OTU#839	0	0	0.02	0.006923	96.99
898	Paludibacter_OTU#838	0	0	0.02	0.006923	97
899	Paludibacter_OTU#835	0	0	0.02	0.006923	97.01
900	Rikenella_OTU#834	0	0	0.02	0.006923	97.03
901	Paludibacter_OTU#833	0	0	0.02	0.006923	97.04
902	Barnesiella_OTU#832	0	0	0.02	0.006923	97.05
903	Paludibacter_OTU#831	0	0	0.02	0.006923	97.06
904	Paludibacter_OTU#829	0	0	0.02	0.006923	97.07
905	Paludibacter_OTU#827	0	0	0.02	0.006923	97.09
906	Limibacter_OTU#825	0	0	0.02	0.006923	97.1
907	Paludibacter_OTU#822	0	0	0.02	0.006923	97.11
908	Paludibacter_OTU#820	0	0	0.02	0.006923	97.12
909	Anaerophaga_OTU#819	0	0	0.02	0.006923	97.13
910	Anaerophaga_OTU#818	0	0	0.02	0.006923	97.15
911	Paludibacter_OTU#817	0	0	0.02	0.006923	97.16
912	Paludibacter_OTU#815	0	0	0.02	0.006923	97.17
913	Anaerophaga_OTU#812	0	0	0.02	0.006923	97.18
914	Anaerophaga_OTU#811	0	0	0.02	0.006923	97.2
915	Paludibacter_OTU#807	0	0	0.02	0.006923	97.21
916	Barnesiella_OTU#806	0	0	0.02	0.006923	97.22
917	Barnesiella_OTU#805	0	0	0.02	0.006923	97.23
918	Barnesiella_OTU#804	0	0	0.02	0.006923	97.24
919	Paludibacter_OTU#1012	0	0.02	0	0.006923	97.26
920	Paludibacter_OTU#1011	0	0.02	0	0.006923	97.27
921	Barnesiella_OTU#1010	0	0.02	0	0.006923	97.28
922	Rikenella_OTU#1009	0	0.02	0	0.006923	97.29
923	Paludibacter_OTU#1008	0	0.02	0	0.006923	97.3
924	Rikenella_OTU#1006	0	0.02	0	0.006923	97.32
925	Tannerella_OTU#1005	0	0.02	0	0.006923	97.33
926	Butyrivibrio_OTU#1004	0	0.02	0	0.006923	97.34
927	Proteiniphilum_OTU#1002	0	0.02	0	0.006923	97.35
928	Limibacter_OTU#1001	0	0.02	0	0.006923	97.37
929	Barnesiella_OTU#1000	0	0.02	0	0.006923	97.38
930	Dorea_OTU#998	0	0.02	0	0.006923	97.39
931	Craurococcus_OTU#996	0	0.02	0	0.006923	97.4
932	Robinsoniella_OTU#249	0	0.02	0	0.006923	97.41
933	Barnesiella_OTU#995	0	0.02	0	0.006923	97.43

Supplementary Table 4

934	Paludibacter_OTU#994	0	0.02	0	0.006923	97.44
935	Paludibacter_OTU#993	0	0.02	0	0.006923	97.45
936	Tannerella_OTU#992	0	0.02	0	0.006923	97.46
937	Butyrivicoccus_OTU#248	0	0.02	0	0.006923	97.47
938	Paludibacter_OTU#990	0	0.02	0	0.006923	97.49
939	Paludibacter_OTU#988	0	0.02	0	0.006923	97.5
940	Paludibacter_OTU#986	0	0.02	0	0.006923	97.51
941	Acetanaerobacterium_OTU#985	0	0.02	0	0.006923	97.52
942	Barnesiella_OTU#982	0	0.02	0	0.006923	97.54
943	Barnesiella_OTU#981	0	0.02	0	0.006923	97.55
944	Barnesiella_OTU#980	0	0.02	0	0.006923	97.56
945	Barnesiella_OTU#978	0	0.02	0	0.006923	97.57
946	Paludibacter_OTU#977	0	0.02	0	0.006923	97.58
947	Paludibacter_OTU#976	0	0.02	0	0.006923	97.6
948	Coprococcus_OTU#244	0	0.02	0	0.006923	97.61
949	Tannerella_OTU#974	0	0.02	0	0.006923	97.62
950	Barnesiella_OTU#973	0	0.02	0	0.006923	97.63
951	Barnesiella_OTU#972	0	0.02	0	0.006923	97.64
952	Paludibacter_OTU#970	0	0.02	0	0.006923	97.66
953	Barnesiella_OTU#969	0	0.02	0	0.006923	97.67
954	Tannerella_OTU#968	0	0.02	0	0.006923	97.68
955	Coprococcus_OTU#242	0	0.02	0	0.006923	97.69
956	Paludibacter_OTU#966	0	0.02	0	0.006923	97.71
957	Belliella_OTU#965	0	0.02	0	0.006923	97.72
958	Paludibacter_OTU#964	0	0.02	0	0.006923	97.73
959	Paludibacter_OTU#963	0	0.02	0	0.006923	97.74
960	Limibacter_OTU#962	0	0.02	0	0.006923	97.75
961	Paludibacter_OTU#961	0	0.02	0	0.006923	97.77
962	Dorea_OTU#240	0	0.02	0	0.006923	97.78
963	Aquiflexum_OTU#959	0	0.02	0	0.006923	97.79
964	Paludibacter_OTU#958	0	0.02	0	0.006923	97.8
965	Paludibacter_OTU#956	0	0.02	0	0.006923	97.81
966	Paludibacter_OTU#967	0	0.02	0	0.006923	97.83
967	Anaerophaga_OTU#239	0	0.02	0	0.006923	97.84
968	Barnesiella_OTU#955	0	0.02	0	0.006923	97.85
969	Paludibacter_OTU#954	0	0.02	0	0.006923	97.86
970	Barnesiella_OTU#971	0	0.02	0	0.006923	97.88
971	Barnesiella_OTU#952	0	0.02	0	0.006923	97.89
972	Paludibacter_OTU#951	0	0.02	0	0.006923	97.9
973	Paludibacter_OTU#950	0	0.02	0	0.006923	97.91
974	Paludibacter_OTU#975	0	0.02	0	0.006923	97.92

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975	Limibacter_OTU#949	0	0.02	0	0.006923	97.94
976	Paludibacter_OTU#948	0	0.02	0	0.006923	97.95
977	Paludibacter_OTU#947	0	0.02	0	0.006923	97.96
978	Tannerella_OTU#979	0	0.02	0	0.006923	97.97
979	Paludibacter_OTU#945	0	0.02	0	0.006923	97.98
980	Paludibacter_OTU#944	0	0.02	0	0.006923	98
981	Barnesiella_OTU#943	0	0.02	0	0.006923	98.01
982	Paludibacter_OTU#983	0	0.02	0	0.006923	98.02
983	Hallella_OTU#942	0	0.02	0	0.006923	98.03
984	Barnesiella_OTU#940	0	0.02	0	0.006923	98.05
985	Heliobacillus_OTU#235	0	0.02	0	0.006923	98.06
986	Marvinbryantia_OTU#232	0	0.02	0	0.006923	98.07
987	Syntrophococcus_OTU#228	0	0.02	0	0.006923	98.08
988	Paludibacter_OTU#227	0	0.02	0	0.006923	98.09
989	Allobaculum_OTU#225	0	0.02	0	0.006923	98.11
990	Paludibacter_OTU#991	0	0.02	0	0.006923	98.12
991	Butyrivibrio_OTU#223	0	0.02	0	0.006923	98.13
992	Robinsoniella_OTU#220	0	0.02	0	0.006923	98.14
993	Anaerophaga_OTU#219	0	0.02	0	0.006923	98.15
994	Parasporobacterium_OTU#218	0	0.02	0	0.006923	98.17
995	Roseburia_OTU#217	0	0.02	0	0.006923	98.18
996	Anaerophaga_OTU#997	0	0.02	0	0.006923	98.19
997	Butyrivibrio_OTU#215	0	0.02	0	0.006923	98.2
998	Paludibacter_OTU#999	0	0.02	0	0.006923	98.22
999	Hydrogenoanaerobacterium_OTU#213	0	0.02	0	0.006923	98.23
1000	Parasporobacterium_OTU#210	0	0.02	0	0.006923	98.24
1001	Robinsoniella_OTU#209	0	0.02	0	0.006923	98.25
1002	Anaerotruncus_OTU#1003	0	0.02	0	0.006923	98.26
1003	Limibacter_OTU#208	0	0.02	0	0.006923	98.28
1004	Paludibacter_OTU#205	0	0.02	0	0.006923	98.29
1005	Roseburia_OTU#200	0	0.02	0	0.006923	98.3
1006	Paludibacter_OTU#1007	0	0.02	0	0.006923	98.31
1007	Dorea_OTU#199	0	0.02	0	0.006923	98.32
1008	Marvinbryantia_OTU#195	0	0.02	0	0.006923	98.34
1009	Dorea_OTU#193	0	0.02	0	0.006923	98.35
1010	Hespellia_OTU#188	0	0.02	0	0.006923	98.36
1011	Robinsoniella_OTU#187	0	0.02	0	0.006923	98.37
1012	Solobacterium_OTU#185	0	0.02	0	0.006923	98.39
1013	Sporobacterium_OTU#183	0	0.02	0	0.006923	98.4
1014	Barnesiella_OTU#177	0	0.02	0	0.006923	98.41
1015	Paludibacter_OTU#342	0	0.02	0	0.006923	98.42

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1016	Oscillibacter_OTU#171	0	0.02	0	0.006923	98.43
1017	Howardella_OTU#170	0	0.02	0	0.006923	98.45
1018	Limibacter_OTU#339	0	0.02	0	0.006923	98.46
1019	Dorea_OTU#338	0	0.02	0	0.006923	98.47
1020	Bulleidia_OTU#336	0	0.02	0	0.006923	98.48
1021	Paludibacter_OTU#335	0	0.02	0	0.006923	98.49
1022	Limibacter_OTU#333	0	0.02	0	0.006923	98.51
1023	Paludibacter_OTU#331	0	0.02	0	0.006923	98.52
1024	Atopobacter_OTU#330	0	0.02	0	0.006923	98.53
1025	Butyrivibrio_OTU#329	0	0.02	0	0.006923	98.54
1026	Lactobacillus_OTU#328	0	0.02	0	0.006923	98.56
1027	Paludibacter_OTU#327	0	0.02	0	0.006923	98.57
1028	Butyricoccus_OTU#326	0	0.02	0	0.006923	98.58
1029	Lachnobacterium_OTU#324	0	0.02	0	0.006923	98.59
1030	Marvinbryantia_OTU#323	0	0.02	0	0.006923	98.6
1031	Anaerophaga_OTU#322	0	0.02	0	0.006923	98.62
1032	Marvinbryantia_OTU#320	0	0.02	0	0.006923	98.63
1033	Marvinbryantia_OTU#314	0	0.02	0	0.006923	98.64
1034	Paludibacter_OTU#313	0	0.02	0	0.006923	98.65
1035	Acetitomaculum_OTU#312	0	0.02	0	0.006923	98.66
1036	Robinsoniella_OTU#311	0	0.02	0	0.006923	98.68
1037	Coprococcus_OTU#304	0	0.02	0	0.006923	98.69
1038	Faecalibacterium_OTU#301	0	0.02	0	0.006923	98.7
1039	Limibacter_OTU#300	0	0.02	0	0.006923	98.71
1040	Lactonifactor_OTU#299	0	0.02	0	0.006923	98.73
1041	Oscillibacter_OTU#297	0	0.02	0	0.006923	98.74
1042	Marvinbryantia_OTU#296	0	0.02	0	0.006923	98.75
1043	Lachnobacterium_OTU#294	0	0.02	0	0.006923	98.76
1044	Marvinbryantia_OTU#293	0	0.02	0	0.006923	98.77
1045	Roseburia_OTU#292	0	0.02	0	0.006923	98.79
1046	Allobaculum_OTU#291	0	0.02	0	0.006923	98.8
1047	Barnesiella_OTU#288	0	0.02	0	0.006923	98.81
1048	Barnesiella_OTU#285	0	0.02	0	0.006923	98.82
1049	Parasporobacterium_OTU#282	0	0.02	0	0.006923	98.83
1050	Dorea_OTU#279	0	0.02	0	0.006923	98.85
1051	Syntrophococcus_OTU#278	0	0.02	0	0.006923	98.86
1052	Anaerotruncus_OTU#274	0	0.02	0	0.006923	98.87
1053	Allobaculum_OTU#266	0	0.02	0	0.006923	98.88
1054	Coprococcus_OTU#265	0	0.02	0	0.006923	98.9
1055	Paludibacter_OTU#262	0	0.02	0	0.006923	98.91
1056	Anaerophaga_OTU#258	0	0.02	0	0.006923	98.92

1057	Anaerophaga_OTU#256	0	0.02	0	0.006923	98.93
1058	Dorea_OTU#1022	0	0.02	0	0.006923	98.94
1059	Robinsoniella_OTU#1020	0	0.02	0	0.006923	98.96
1060	Syntrophococcus_OTU#1019	0	0.02	0	0.006923	98.97
1061	Robinsoniella_OTU#1018	0	0.02	0	0.006923	98.98
1062	Anaerophaga_OTU#1017	0	0.02	0	0.006923	98.99
1063	Coprococcus_OTU#1016	0	0.02	0	0.006923	99
1064	Marvinbryantia_OTU#1015	0	0.02	0	0.006923	99.02
1065	Butyrivibrio_OTU#1014	0	0.02	0	0.006923	99.03
1066	Paludibacter_OTU#1013	0	0.02	0	0.006923	99.04
1067	Barnesiella_OTU#1071	0	0.02	0	0.006923	99.05
1068	Barnesiella_OTU#1070	0	0.02	0	0.006923	99.07
1069	Acetitomaculum_OTU#1069	0	0.02	0	0.006923	99.08
1070	Paludibacter_OTU#1068	0	0.02	0	0.006923	99.09
1071	Barnesiella_OTU#1067	0	0.02	0	0.006923	99.1
1072	Paludibacter_OTU#1066	0	0.02	0	0.006923	99.11
1073	Tannerella_OTU#1064	0	0.02	0	0.006923	99.13
1074	Coprococcus_OTU#1063	0	0.02	0	0.006923	99.14
1075	Barnesiella_OTU#1062	0	0.02	0	0.006923	99.15
1076	Limibacter_OTU#1061	0	0.02	0	0.006923	99.16
1077	Coprococcus_OTU#1060	0	0.02	0	0.006923	99.17
1078	Coprococcus_OTU#1059	0	0.02	0	0.006923	99.19
1079	Robinsoniella_OTU#1058	0	0.02	0	0.006923	99.2
1080	Marvinbryantia_OTU#1057	0	0.02	0	0.006923	99.21
1081	Howardella_OTU#1056	0	0.02	0	0.006923	99.22
1082	Paludibacter_OTU#1055	0	0.02	0	0.006923	99.24
1083	Barnesiella_OTU#1054	0	0.02	0	0.006923	99.25
1084	Butyricoccus_OTU#1053	0	0.02	0	0.006923	99.26
1085	Robinsoniella_OTU#1051	0	0.02	0	0.006923	99.27
1086	Acetitomaculum_OTU#1049	0	0.02	0	0.006923	99.28
1087	Limibacter_OTU#1048	0	0.02	0	0.006923	99.3
1088	Marvinbryantia_OTU#1047	0	0.02	0	0.006923	99.31
1089	Dorea_OTU#1046	0	0.02	0	0.006923	99.32
1090	Rikenella_OTU#1045	0	0.02	0	0.006923	99.33
1091	Catonella_OTU#1044	0	0.02	0	0.006923	99.34
1092	Paludibacter_OTU#1043	0	0.02	0	0.006923	99.36
1093	Paludibacter_OTU#1042	0	0.02	0	0.006923	99.37
1094	Howardella_OTU#1041	0	0.02	0	0.006923	99.38
1095	Howardella_OTU#1039	0	0.02	0	0.006923	99.39
1096	Anaerotruncus_OTU#1038	0	0.02	0	0.006923	99.41
1097	Oscillibacter_OTU#1037	0	0.02	0	0.006923	99.42

1098	Lachnobacterium_OTU#1036	0	0.02	0	0.006923	99.43
1099	Lachnobacterium_OTU#1035	0	0.02	0	0.006923	99.44
1100	Lactobacillus_OTU#1033	0	0.02	0	0.006923	99.45
1101	Paludibacter_OTU#1032	0	0.02	0	0.006923	99.47
1102	Robinsoniella_OTU#1031	0	0.02	0	0.006923	99.48
1103	Coproccoccus_OTU#1030	0	0.02	0	0.006923	99.49
1104	Barnesiella_OTU#1029	0	0.02	0	0.006923	99.5
1105	Butyricococcus_OTU#1028	0	0.02	0	0.006923	99.51
1106	Paludibacter_OTU#1027	0	0.02	0	0.006923	99.53
1107	Paludibacter_OTU#1026	0	0.02	0	0.006923	99.54
1108	Dorea_OTU#1025	0	0.02	0	0.006923	99.55
1109	Paludibacter_OTU#1024	0	0.02	0	0.006923	99.56
1110	Paludibacter_OTU#939	0	0.02	0	0.00692	99.58
1111	Rikenella_OTU#938	0	0.02	0	0.00692	99.59
1112	Allobaculum_OTU#937	0	0.02	0	0.00692	99.6
1113	Barnesiella_OTU#936	0	0.02	0	0.00692	99.61
1114	Tannerella_OTU#935	0	0.02	0	0.00692	99.62
1115	Sharpea_OTU#934	0	0.02	0	0.00692	99.64
1116	Barnesiella_OTU#933	0	0.02	0	0.00692	99.65
1117	Paludibacter_OTU#932	0	0.02	0	0.00692	99.66
1118	Paludibacter_OTU#930	0	0.02	0	0.00692	99.67
1119	Paludibacter_OTU#929	0	0.02	0	0.00692	99.68
1120	Paludibacter_OTU#928	0	0.02	0	0.00692	99.7
1121	Paludibacter_OTU#927	0	0.02	0	0.00692	99.71
1122	Paludibacter_OTU#926	0	0.02	0	0.00692	99.72
1123	Paludibacter_OTU#925	0	0.02	0	0.00692	99.73
1124	Paludibacter_OTU#924	0	0.02	0	0.00692	99.75
1125	Aquiflexum_OTU#923	0	0.02	0	0.00692	99.76
1126	Barnesiella_OTU#922	0	0.02	0	0.00692	99.77
1127	Paludibacter_OTU#921	0	0.02	0	0.00692	99.78
1128	Paludibacter_OTU#920	0	0.02	0	0.00692	99.79
1129	Paludibacter_OTU#919	0	0.02	0	0.00692	99.81
1130	Paludibacter_OTU#917	0	0.02	0	0.00692	99.82
1131	Butyricimonas_OTU#916	0	0.02	0	0.00692	99.83
1132	Paludibacter_OTU#914	0	0.02	0	0.00692	99.84
1133	Anaerophaga_OTU#913	0	0.02	0	0.00692	99.85
1134	Paludibacter_OTU#912	0	0.02	0	0.00692	99.87
1135	Akkermansia_OTU#911	0	0.02	0	0.00692	99.88
1136	Paludibacter_OTU#910	0	0.02	0	0.00692	99.89
1137	Paludibacter_OTU#909	0	0.02	0	0.00692	99.9
1138	Paludibacter_OTU#908	0	0.02	0	0.00692	99.92

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1139	Limibacter_OTU#907	0	0.02	0	0.00692	99.93
1140	Paludibacter_OTU#906	0	0.02	0	0.00692	99.94
1141	Limibacter_OTU#905	0	0.02	0	0.00692	99.95
1142	Anaerophaga_OTU#902	0	0.02	0	0.00692	99.96
1143	Tannerella_OTU#901	0	0.02	0	0.00692	99.98
1144	Lishizhenia_OTU#900	0	0.02	0	0.00692	99.99
1145	Asaccharobacter_OTU#1145	0	0.02	0	0.00692	100

Supplementary Table 5. OTUs in *Ace2*^{+y} and *Ace2*^{-y} mice with or without nicotinamide (NAM) treatment.

Data are shown as the number of occurrences for each OTU detected by 454 sequencing.

Taxonomical affiliation of OTUs	<i>Ace2</i> ^{-y} #1	<i>Ace2</i> ^{-y} #2	<i>Ace2</i> ^{-y} #3	<i>Ace2</i> ^{-y} #4	<i>Ace2</i> ^{-y} + NAM#1	<i>Ace2</i> ^{-y} + NAM#2	<i>Ace2</i> ^{-y} + NAM#3	<i>Ace2</i> ^{-y} + NAM#4	<i>Ace2</i> ^{-y} + NAM#5	<i>Ace2</i> ^{+y} #1	<i>Ace2</i> ^{+y} #2	<i>Ace2</i> ^{+y} #3	<i>Ace2</i> ^{+y} #4	<i>Ace2</i> ^{+y} + NAM#1	<i>Ace2</i> ^{+y} + NAM#2	<i>Ace2</i> ^{+y} + NAM#3	<i>Ace2</i> ^{+y} + NAM#4	<i>Ace2</i> ^{+y} + NAM#5
Helicobacter_OTU#1	184	45	363	66	0	193	201	120	493	0	0	0	1	0	0	1	1	0
Allobaculum_OTU#2	489	178	28	217	0	4	0	2	0	0	0	0	0	0	0	1	0	0
Limibacter_OTU#3	7	4	3	5	1	0	0	0	0	3	0	3	5	2	0	0	0	2
Allobaculum_OTU#4	17	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#5	29	103	103	133	47	98	88	101	26	42	33	93	88	188	6	2	40	207
Allobaculum_OTU#6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#7	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Anaerophaga_OTU#8	17	28	24	38	118	2	89	33	51	1	3	1	6	0	0	0	0	0
Tannerella_OTU#9	1	1	2	0	1	0	0	0	1	0	0	0	0	1	0	0	0	3
Allobaculum_OTU#10	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#11	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#12	5	4	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#14	5	6	3	2	8	0	9	7	4	0	0	0	1	0	0	0	0	0
Anaerophaga_OTU#15	5	7	10	14	42	0	32	10	15	1	0	0	1	0	0	0	0	0
Paludibacter_OTU#16	8	45	18	15	54	50	44	34	28	1	4	7	1	44	28	64	15	59
Allobaculum_OTU#17	12	22	6	10	0	1	0	1	0	0	1	0	0	0	0	1	0	0
Anaerophaga_OTU#18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#19	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Paludibacter_OTU#21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#22	8	11	11	4	80	23	42	50	52	47	28	35	144	164	0	2	60	160
Paludibacter_OTU#23	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peptococcus_OTU#24	1	0	0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	0
Allobaculum_OTU#25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#26	1	4	1	0	0	0	0	0	0	1	0	0	0	1	1	2	0	1
Allobaculum_OTU#27	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butyricoccus_OTU#28	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#29	7	10	2	2	0	0	0	0	0	4	2	0	1	0	0	0	0	0
Allobaculum_OTU#30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#31	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#32	13	19	7	3	1	0	0	0	0	1	1	1	1	0	0	0	0	2
Rikenella_OTU#33	4	7	3	7	46	18	20	22	24	4	11	10	18	11	90	58	1	14
Barnesiella_OTU#34	11	22	14	9	6	69	20	27	11	4	2	1	2	10	9	30	0	0
Barnesiella_OTU#35	20	40	18	52	8	1	0	0	2	12	10	15	9	10	0	0	5	2
Allobaculum_OTU#36	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Helicobacter_OTU#37	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#38	1	1	3	1	2	4	1	1	0	0	1	0	1	0	0	0	0	1
Allobaculum_OTU#39	4	2	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#40	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#41	1	1	0	0	3	0	3	0	0	1	0	0	0	2	0	0	0	5
Allobaculum_OTU#42	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#43	13	40	16	38	2	1	0	1	0	46	46	59	33	24	0	0	7	14
Limibacter_OTU#44	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#45	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bulleidia_OTU#46	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#47	9	22	7	4	0	1	0	2	0	0	2	1	0	0	0	0	4	2
Helicobacter_OTU#48	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#49	1	1	1	2	1	0	1	0	2	0	0	0	0	0	0	0	0	0
Limibacter_OTU#50	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#51	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#52	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#53	1	1	1	1	0	1	2	1	0	0	1	1	1	3	0	0	0	2

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Marvinbryantia_OTU#54	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
Marinifilum_OTU#55	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asaccharobacter_OTU#56	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
Paludibacter_OTU#57	2	26	9	11	6	22	7	25	0	21	18	28	29	6	22	17	0	5
Olsenella_OTU#58	1	6	5	15	4	1	0	1	0	0	1	1	4	0	0	0	0	0
Helicobacter_OTU#59	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#60	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#61	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#62	2	2	1	1	1	0	2	3	0	10	7	5	0	103	82	143	25	98
Barnesiella_OTU#63	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#64	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Allobaculum_OTU#65	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#66	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#67	15	24	24	25	65	71	32	26	17	13	20	44	17	86	75	184	36	79
Rikenella_OTU#68	2	4	6	5	42	35	14	28	18	21	27	20	45	39	250	172	21	40
Paludibacter_OTU#69	2	1	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#70	2	8	4	5	5	0	0	1	0	0	0	0	0	3	18	33	5	3
Paludibacter_OTU#71	2	10	3	6	2	2	7	2	0	34	43	87	54	5	0	0	0	6
Allobaculum_OTU#72	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#73	1	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Allobaculum_OTU#74	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#75	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#76	1	0	0	0	1	0	3	2	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#77	2	3	1	0	0	0	2	1	0	0	1	0	0	0	0	0	0	0
Flexithrix_OTU#78	3	0	1	0	0	2	1	2	2	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#79	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Anaerophaga_OTU#80	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Helicobacter_OTU#81	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#82	1	0	0	0	2	3	1	2	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#83	2	1	1	1	1	4	2	2	3	0	0	1	4	3	0	0	0	1
Barnesiella_OTU#84	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#85	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#86	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Anaerophaga_OTU#87	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#88	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Limibacter_OTU#89	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Parasutterella_OTU#90	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Allobaculum_OTU#91	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Limibacter_OTU#92	1	1	1	1	0	0	0	1	0	0	0	1	1	0	0	0	1	
Limibacter_OTU#93	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Paludibacter_OTU#94	2	2	1	3	3	1	1	5	0	0	0	0	4	6	0	0	4	
unclassified Porphyromonadaceae_OTU#95	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Paludibacter_OTU#96	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Paludibacter_OTU#97	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	2	1	
Paludibacter_OTU#98	1	1	0	0	1	2	0	1	0	1	0	3	1	7	0	0	6	
Rikenella_OTU#99	2	0	0	2	0	0	0	0	0	0	0	5	3	0	0	0	0	
Paludibacter_OTU#100	1	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	
Barnesiella_OTU#101	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Butyrivibrio_OTU#102	1	0	0	1	0	0	0	0	0	3	4	0	0	0	0	0	0	
Allobaculum_OTU#103	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Paludibacter_OTU#104	1	2	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	
Parasutterella_OTU#105	1	14	7	4	111	50	97	158	45	0	0	0	0	0	0	1	14	
Paludibacter_OTU#106	1	0	1	0	0	1	0	5	3	2	3	2	9	3	0	0	4	
Paludibacter_OTU#107	1	2	1	0	0	1	0	3	0	0	0	1	0	5	0	1	6	
Rikenella_OTU#108	1	4	2	1	13	18	4	20	4	1	1	1	1	5	1	0	13	
Bulleidia_OTU#109	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Parasutterella_OTU#110	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	
Limibacter_OTU#111	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Limibacter_OTU#112	1	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	
Paludibacter_OTU#113	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Paludibacter_OTU#114	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
Barnesiella_OTU#115	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lactobacillus_OTU#116	0	6	0	0	4	6	0	1	0	0	0	0	0	5	306	68	37	
Limibacter_OTU#117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Paludibacter_OTU#118	0	8	13	3	13	42	28	35	12	5	18	7	22	25	0	1	15	
Allobaculum_OTU#119	0	0	0	0	0	0	0	0	0	0	0	0	0	27	0	0	10	

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Barnesiella_OTU#120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Anaerophaga_OTU#122	0	0	0	0	0	0	0	0	10	14	12	48	1	0	0	0	2	
Paludibacter_OTU#123	0	0	0	0	26	20	9	17	4	60	94	48	112	51	54	54	16	45
Paludibacter_OTU#124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Allobaculum_OTU#125	0	0	0	0	0	0	0	0	4	5	5	3	4	2	0	5	6	
Anaerophaga_OTU#126	0	0	0	0	1	3	1	1	0	0	0	1	10	1	0	0	4	
Limibacter_OTU#127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
unclassified Porphyromonadaceae_OTU#128	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	2	
Barnesiella_OTU#129	0	1	5	2	8	15	3	9	7	12	6	7	10	2	0	0	1	3
Paludibacter_OTU#130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Limibacter_OTU#131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Tannerella_OTU#132	0	0	0	0	0	0	0	1	0	0	0	1	3	1	0	0	4	
Paludibacter_OTU#133	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	
Paludibacter_OTU#134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Paludibacter_OTU#135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
Limibacter_OTU#136	0	1	1	3	0	0	0	0	0	0	0	0	0	3	0	0	1	4
Limibacter_OTU#137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Paludibacter_OTU#138	0	3	3	1	1	0	0	0	0	2	6	14	15	1	0	0	0	1
Paludibacter_OTU#139	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
Paludibacter_OTU#140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	
Paludibacter_OTU#141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Limibacter_OTU#142	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	3	
Paludibacter_OTU#143	0	0	0	0	0	0	0	0	0	0	0	1	4	7	6	1	3	
Paludibacter_OTU#144	0	2	0	0	2	2	2	0	3	0	2	0	5	3	0	0	6	
Rikenella_OTU#145	0	1	0	0	0	1	1	1	0	1	0	2	0	2	1	1	1	
Paludibacter_OTU#146	0	0	1	0	0	1	0	1	0	0	1	1	0	0	0	0	2	
Paludibacter_OTU#147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
Paludibacter_OTU#148	0	5	5	2	0	3	2	1	0	0	0	0	4	0	0	0	4	
Limibacter_OTU#149	0	4	0	1	0	0	0	3	0	2	0	5	1	2	0	0	2	
unclassified Bacteroidetes_OTU#150	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
Paludibacter_OTU#151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Paludibacter_OTU#152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	

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unclassified Porphyromonadaceae_OTU#153	0	1	1	0	2	4	3	4	0	0	0	0	0	4	0	0	0	1
Paludibacter_OTU#154	0	3	4	4	4	24	3	5	2	1	1	3	5	1	2	53	6	2
Salinihabitans_OTU#155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Paludibacter_OTU#156	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	
Limibacter_OTU#157	0	0	0	0	0	2	0	1	0	0	0	0	0	1	0	0	1	
Paludibacter_OTU#158	0	0	0	0	0	0	0	2	0	0	1	2	1	4	0	0	2	
Paludibacter_OTU#159	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	
Paludibacter_OTU#160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Paludibacter_OTU#161	0	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	3	
Allobaculum_OTU#162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Rikenella_OTU#163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	
Limibacter_OTU#164	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
Salinihabitans_OTU#165	0	0	0	0	1	1	0	0	0	0	1	0	0	0	1	14	3	
Barnesiella_OTU#166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Lactobacillus_OTU#167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Paludibacter_OTU#168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Paludibacter_OTU#169	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	
Limibacter_OTU#170	0	0	2	0	6	2	5	2	0	0	0	0	0	0	0	0	2	
Limibacter_OTU#171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Rikenella_OTU#172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Limibacter_OTU#173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Limibacter_OTU#174	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Tannerella_OTU#175	0	0	0	0	2	0	0	0	2	0	1	0	1	2	0	0	2	
Hallella_OTU#176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Limibacter_OTU#177	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	
Barnesiella_OTU#178	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	1	
Lachnobacterium_OTU#179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Paludibacter_OTU#180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Anaerophaga_OTU#181	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	
Paludibacter_OTU#182	0	0	0	0	1	0	2	2	1	0	0	0	0	4	1	0	1	
Paludibacter_OTU#183	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	1	
Limibacter_OTU#184	0	3	1	3	5	3	4	7	2	0	0	0	1	1	0	0	2	
Rikenella_OTU#185	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	2	1	

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Paludibacter_OTU#186	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Bulleidia_OTU#187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#188	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Barnesiella_OTU#189	0	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	1
Barnesiella_OTU#190	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
unclassified Bacteroidales_OTU#191	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	1
Limibacter_OTU#192	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
unclassified TM7_OTU#193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Tannerella_OTU#194	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Limibacter_OTU#195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#196	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1
Paludibacter_OTU#197	0	0	0	0	1	0	1	0	0	1	0	0	0	2	0	0	1
Paludibacter_OTU#198	0	0	0	0	3	0	0	0	0	0	0	0	1	0	0	0	1
Anaerophaga_OTU#199	0	1	0	0	0	0	0	2	0	0	1	1	0	0	1	0	1
Barnesiella_OTU#200	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	1
Barnesiella_OTU#201	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Anaerophaga_OTU#202	0	1	2	0	0	0	0	0	2	1	2	4	0	0	1	0	1
Limibacter_OTU#203	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#204	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Paludibacter_OTU#205	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Limibacter_OTU#206	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#207	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Barnesiella_OTU#208	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	1
Paludibacter_OTU#209	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Tannerella_OTU#210	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#211	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	2
Rikenella_OTU#212	0	2	0	0	0	4	1	1	2	0	0	0	3	1	7	2	1
Paludibacter_OTU#213	0	0	0	0	0	1	0	0	0	1	0	3	1	1	0	0	2
Barnesiella_OTU#214	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Limibacter_OTU#215	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1
Limibacter_OTU#216	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
unclassified Bacteroidales_OTU#217	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Paludibacter_OTU#218	0	0	0	0	1	1	0	1	0	0	0	0	3	0	0	0	1

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Limibacter_OTU#219	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paludibacter_OTU#220	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	1
Dichelobacter_OTU#221	0	0	0	0	24	6	35	15	2	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#222	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#223	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#224	0	0	1	0	4	4	2	5	1	0	0	0	0	0	0	0	0	0
Sporacetigenium_OTU#225	0	0	0	0	3	0	0	0	1	0	0	0	0	1	0	3	232	0
Limibacter_OTU#226	0	2	11	7	65	51	23	37	13	0	0	0	0	3	0	0	1	0
Rikenella_OTU#227	0	0	0	0	6	0	2	1	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#228	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Hallella_OTU#229	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#230	0	3	5	3	7	0	4	2	4	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#231	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#232	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Blautia_OTU#233	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	7	7	0
Paludibacter_OTU#234	0	0	4	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#235	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#236	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#237	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#238	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#239	0	2	0	0	3	3	3	1	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#240	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#241	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#242	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#243	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#244	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerostipes_OTU#245	0	0	0	0	2	0	0	0	0	1	0	0	0	0	1	2	1	0
Anaerophaga_OTU#246	0	0	1	1	6	0	0	4	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#247	0	0	0	0	3	0	0	0	0	0	0	1	1	0	0	0	0	0
Anaerophaga_OTU#248	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#249	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#250	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#251	0	1	0	3	3	1	3	1	1	0	0	0	0	0	0	0	0	0

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Paludibacter_OTU#252	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#253	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#254	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#255	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#256	0	0	0	0	1	5	10	12	1	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#257	0	5	0	0	2	1	6	5	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#258	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#259	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#260	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#261	0	3	4	1	3	1	2	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#262	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
Acetitomaculum_OTU#263	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0
Dichelobacter_OTU#264	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#265	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Porphyromonadaceae_OTU#266	0	1	1	3	2	0	5	1	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#267	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#268	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#269	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#270	0	6	1	3	1	2	1	1	3	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#271	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#272	0	0	1	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#273	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#274	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus_OTU#275	0	1	1	0	1	2	0	0	0	3	2	8	3	0	0	0	0	0
Rikenella_OTU#276	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0
Anaerophaga_OTU#277	0	0	2	0	2	0	2	4	3	0	0	0	0	0	0	0	0	0
Tannerella_OTU#278	0	0	1	0	1	1	1	3	0	0	0	0	0	1	0	0	0	0
Dichelobacter_OTU#279	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#280	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#281	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#282	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#283	0	0	0	2	1	0	1	0	1	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#284	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

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Paludibacter_OTU#285	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Porphyromonadaceae_OTU#286	0	0	0	0	1	0	0	0	1	0	0	0	2	0	0	0	0	0
Barnesiella_OTU#287	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterorhabdus_OTU#288	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#289	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Robinsoniella_OTU#290	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#291	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#292	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
Limibacter_OTU#293	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#294	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#295	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#296	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#297	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#298	0	0	1	4	1	0	0	1	0	2	3	3	0	0	0	0	0	0
Rikenella_OTU#299	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#300	0	0	0	1	1	1	1	0	0	1	0	0	2	1	4	4	0	0
Limibacter_OTU#301	0	0	0	0	1	1	1	2	2	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#302	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#303	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#304	0	0	0	0	1	0	2	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#305	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#306	0	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#307	0	1	0	0	1	1	0	2	0	0	1	0	0	1	0	0	0	0
Rikenella_OTU#308	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidetes_OTU#309	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#310	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#311	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#312	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
Dichelobacter_OTU#313	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#314	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0
Allobaculum_OTU#315	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#316	0	0	1	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0
Paludibacter_OTU#317	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0

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Anaerophaga_OTU#318	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
Paludibacter_OTU#319	0	0	0	0	0	2	1	0	0	0	0	0	0	3	0	1	0	0
Pseudozobellia_OTU#320	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#321	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
Limibacter_OTU#322	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Limibacter_OTU#323	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#324	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Butyricimonas_OTU#325	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#326	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#327	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Rikenella_OTU#328	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Anaerophaga_OTU#329	0	0	0	0	0	0	0	0	0	1	3	6	1	1	1	1	0	0
Pseudozobellia_OTU#330	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#331	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Tannerella_OTU#332	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#333	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#334	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#335	0	0	0	0	0	1	1	0	0	1	0	0	1	1	1	0	0	0
Barnesiella_OTU#336	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Anaerophaga_OTU#337	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Paludibacter_OTU#338	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
Tannerella_OTU#339	0	0	0	0	0	0	0	1	0	0	1	0	1	2	0	0	0	0
Paludibacter_OTU#340	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
Paludibacter_OTU#341	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Limibacter_OTU#342	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
Limibacter_OTU#343	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#344	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0
Enterorhabdus_OTU#345	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#346	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
Limibacter_OTU#347	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#348	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#349	0	0	0	0	0	1	0	0	0	0	0	0	2	1	2	0	0	0
unclassified Porphyromonadaceae_OTU#350	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0

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Paludibacter_OTU#351	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#352	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Limibacter_OTU#353	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0
Paludibacter_OTU#354	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Tannerella_OTU#355	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Roseburia_OTU#356	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	10	348	0
Limibacter_OTU#357	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Limibacter_OTU#358	0	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
Paludibacter_OTU#359	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#360	0	1	0	0	0	2	1	0	0	1	1	2	1	1	0	0	0	0
Anaerophaga_OTU#361	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Bacteroides_OTU#362	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
Paludibacter_OTU#363	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#364	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Parasutterella_OTU#365	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#366	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#367	0	2	0	0	0	1	0	2	0	0	0	2	0	1	1	0	0	0
Paludibacter_OTU#368	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Anaerophaga_OTU#369	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
Paludibacter_OTU#370	0	2	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
Paludibacter_OTU#371	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#372	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#373	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#374	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Dorea_OTU#375	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
Limibacter_OTU#376	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#377	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#378	0	0	0	0	0	0	0	0	0	4	8	3	3	1	0	0	0	0
Paludibacter_OTU#379	0	0	0	0	0	0	0	0	0	2	0	2	5	1	0	0	0	0
Paludibacter_OTU#380	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#381	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#382	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Allobaculum_OTU#383	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Allobaculum_OTU#384	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ethanoligenens_OTU#385	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#386	0	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#387	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidetes_OTU#388	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#389	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#390	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#391	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#392	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#393	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#394	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#395	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oscillibacter_OTU#396	0	1	0	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Ruminococcus_OTU#397	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eremococcus_OTU#398	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#399	0	1	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Limibacter_OTU#400	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#401	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#402	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#403	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#404	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#405	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#406	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#407	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roseburia_OTU#408	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Rikenella_OTU#409	0	1	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#410	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#411	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#412	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#413	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Porphyromonadaceae_OTU#414	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#415	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#416	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Anaerophaga_OTU#417	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Porphyromonadaceae_OTU#418	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
unclassified Porphyromonadaceae_OTU#419	0	3	4	2	0	0	0	0	0	1	0	3	0	0	0	0	0	0
Paludibacter_OTU#420	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Robinsoniella_OTU#421	0	4	4	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#422	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#423	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Lachnobacterium_OTU#424	0	2	2	9	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Paludibacter_OTU#425	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus_OTU#426	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#427	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#428	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#429	0	1	0	0	0	1	4	1	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#430	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#431	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#432	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#433	0	1	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0
Heliobacillus_OTU#434	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#435	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#436	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#437	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Clostridiales_OTU#438	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#439	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#440	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#441	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#442	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerobacter_OTU#443	0	3	3	12	0	0	0	0	1	1	4	0	0	0	0	0	0	0
Parasutterella_OTU#444	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#445	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#446	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#447	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aquiflexum_OTU#448	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#449	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Paludibacter_OTU#450	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#451	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
Paludibacter_OTU#452	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#453	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#454	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#455	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#456	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#457	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#458	0	1	10	1	0	0	1	0	0	3	0	6	5	0	0	0	0	0
Limibacter_OTU#459	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#460	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#461	0	1	0	1	0	1	0	2	0	0	1	0	3	0	0	0	0	0
Oscillibacter_OTU#462	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Bacteria_OTU#463	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#464	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidetes_OTU#465	0	1	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#466	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Robinsoniella_OTU#467	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#468	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#469	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Atopobacter_OTU#470	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marvinbryantia_OTU#471	0	1	5	11	0	0	0	0	0	56	63	11	10	0	0	0	0	0
Tannerella_OTU#472	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#473	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#474	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#475	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#476	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudozobellia_OTU#477	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#478	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#479	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0
Allobaculum_OTU#480	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oscillibacter_OTU#481	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#482	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0

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Limibacter_OTU#483	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#484	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#485	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
Kordia_OTU#486	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudozobellia_OTU#487	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#488	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#489	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hallella_OTU#490	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasporobacterium_OTU#491	0	1	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#492	0	1	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Parasutterella_OTU#493	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerotruncus_OTU#494	0	1	0	1	0	0	0	0	2	0	0	0	0	0	0	0	1	0
unclassified Porphyromonadaceae_OTU#495	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#496	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#497	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#498	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#499	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#500	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#501	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#502	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Howardella_OTU#503	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#504	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudozobellia_OTU#505	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#506	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#507	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#508	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#509	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marvinbryantia_OTU#510	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#511	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#512	0	1	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#513	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#514	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ralstonia_OTU#515	0	1	0	2	0	0	0	0	0	3	6	1	3	0	0	2	34	0

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Paludibacter_OTU#516	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#517	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acetitomaculum_OTU#518	0	1	0	1	0	0	0	0	0	0	4	0	1	0	0	0	0	0
Allobaculum_OTU#519	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidetes_OTU#520	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#521	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butyricoccus_OTU#522	0	1	0	6	0	0	0	0	0	0	15	1	4	0	0	0	0	0
Robinsoniella_OTU#523	0	0	0	0	0	0	0	0	0	244	35	192	44	0	0	0	0	0
Coprococcus_OTU#524	0	0	0	1	0	0	0	0	0	32	15	5	3	0	0	0	0	0
unclassified TM7_OTU#525	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Marvinbryantia_OTU#526	0	0	0	0	0	0	0	0	0	8	4	5	0	0	0	0	0	0
Lachnobacterium_OTU#527	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Robinsoniella_OTU#528	0	0	0	0	0	0	0	0	0	5	0	6	0	0	0	0	0	0
Roseburia_OTU#529	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
Marvinbryantia_OTU#530	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Marvinbryantia_OTU#531	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Barnesiella_OTU#532	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
Marvinbryantia_OTU#533	0	0	0	5	0	0	0	0	0	2	20	0	2	0	0	0	0	0
Robinsoniella_OTU#534	0	0	0	0	0	0	0	0	0	3	1	4	2	0	0	0	0	0
Oscillibacter_OTU#535	0	0	0	0	0	0	0	0	0	10	1	1	0	0	0	0	0	0
Oscillibacter_OTU#536	0	0	0	2	0	0	0	0	0	6	1	1	0	0	0	0	0	0
Butyricoccus_OTU#537	0	0	0	0	0	0	0	0	0	4	2	2	0	0	0	0	0	0
Lactonifactor_OTU#538	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0
Anaerophaga_OTU#539	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#540	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Heliobacillus_OTU#541	0	0	0	1	0	0	0	0	0	3	2	1	0	0	0	0	0	0
Robinsoniella_OTU#542	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Parasporobacterium_OTU#543	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Butyricoccus_OTU#544	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0
Mucispirillum_OTU#545	0	0	0	0	0	0	0	0	0	8	7	1	4	0	0	0	0	0
Robinsoniella_OTU#546	0	0	0	0	0	0	0	0	0	3	0	2	1	0	0	0	0	0
Paludibacter_OTU#547	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Anaerophaga_OTU#548	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0

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Paludibacter_OTU#549	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#550	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
Paludibacter_OTU#551	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Limibacter_OTU#552	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Roseburia_OTU#553	0	0	0	0	0	0	0	0	0	8	1	1	0	0	0	0	0
Robinsoniella_OTU#554	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#555	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Parabacteroides_OTU#556	0	0	0	0	0	0	0	0	0	3	4	1	0	0	0	3	1
Syntrophococcus_OTU#557	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#558	0	0	0	0	0	0	0	0	0	3	0	1	1	0	0	0	0
Mucispirillum_OTU#559	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Coprococcus_OTU#560	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0
Marvinbryantia_OTU#561	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Zhangella_OTU#562	0	0	0	2	0	0	0	0	0	3	3	0	2	0	0	0	0
Tannerella_OTU#563	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Eubacterium_OTU#564	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0
Parasporobacterium_OTU#565	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Coprococcus_OTU#566	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0
Robinsoniella_OTU#567	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Dorea_OTU#568	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Lachnobacterium_OTU#569	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Papillibacter_OTU#570	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Acetitomaculum_OTU#571	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0
Pseudozobellia_OTU#572	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Hydrogenoanaerobacterium_OTU#573	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Dorea_OTU#574	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Lachnobacterium_OTU#575	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#576	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#577	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#578	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#579	0	0	2	0	0	0	0	0	0	1	0	2	4	0	0	0	0
Ruminococcus_OTU#580	0	0	0	2	0	0	0	0	0	3	11	3	2	0	0	0	0
Roseburia_OTU#581	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0

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Papillibacter_OTU#582	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Anaerophaga_OTU#583	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
Coprococcus_OTU#584	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Paludibacter_OTU#585	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Anaerophaga_OTU#586	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0
Marvinbryantia_OTU#587	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#588	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#589	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0
Lactobacillus_OTU#590	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Oscillibacter_OTU#591	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Marvinbryantia_OTU#592	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
Paludibacter_OTU#593	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Marvinbryantia_OTU#594	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Roseburia_OTU#595	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
unclassified Clostridiales_OTU#596	0	0	0	0	0	0	5	8	58	1	1	0	0	0	0	0	0	0
Oscillibacter_OTU#597	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Roseburia_OTU#598	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#599	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Butyrivibrio_OTU#600	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
Limibacter_OTU#601	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Marvinbryantia_OTU#602	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Robinsoniella_OTU#603	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Acetitomaculum_OTU#604	0	0	1	1	0	0	0	0	0	4	5	4	1	0	0	0	0	0
Butyricoccus_OTU#605	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
Robinsoniella_OTU#606	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Pseudozobellia_OTU#607	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Tannerella_OTU#608	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Acetitomaculum_OTU#609	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Butyricoccus_OTU#610	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Dorea_OTU#611	0	0	0	0	0	0	0	0	0	2	3	0	2	0	0	0	0	0
Anaerophaga_OTU#612	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Lactobacillus_OTU#613	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Bacteroides_OTU#614	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	6	1	0

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Robinsoniella_OTU#615	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Parasutterella_OTU#616	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Lachnobacterium_OTU#617	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Pseudozobellia_OTU#618	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Oscillibacter_OTU#619	0	0	0	0	0	0	0	0	0	2	19	3	0	0	0	0	0
Acetitomaculum_OTU#620	0	0	1	3	0	0	0	0	0	4	5	0	0	0	0	0	0
Lactobacillus_OTU#621	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Barnesiella_OTU#622	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#623	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Limibacter_OTU#624	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#625	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Limibacter_OTU#626	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#627	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Syntrophococcus_OTU#628	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Oscillibacter_OTU#629	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Effluviibacter_OTU#630	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Rikenella_OTU#631	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Butyrivibrio_OTU#632	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Coprococcus_OTU#633	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Limibacter_OTU#634	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#635	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Anaerophaga_OTU#636	0	0	0	0	0	0	0	0	0	1	0	1	3	0	0	0	0
Anaerophaga_OTU#637	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Syntrophococcus_OTU#638	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Parasporobacterium_OTU#639	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Oscillibacter_OTU#640	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Oscillibacter_OTU#641	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Butyricoccus_OTU#642	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
Oscillibacter_OTU#643	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
Howardella_OTU#644	0	0	0	0	0	0	0	0	0	2	5	0	1	0	0	0	0
Dorea_OTU#645	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Coprococcus_OTU#646	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Marvinbryantia_OTU#647	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

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Robinsoniella_OTU#648	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0
Oscillibacter_OTU#649	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Syntrophococcus_OTU#650	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Paludibacter_OTU#651	0	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0
Dorea_OTU#652	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#653	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Limibacter_OTU#654	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Anaerophaga_OTU#655	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Acetitomaculum_OTU#656	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#657	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#658	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#659	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Parasporobacterium_OTU#660	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0
Butyrivibrio_OTU#661	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0
Marvinbryantia_OTU#662	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Lachnobacterium_OTU#663	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#664	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Marvinbryantia_OTU#665	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Coprococcus_OTU#666	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Anaerophaga_OTU#667	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Syntrophothermus_OTU#668	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Syntrophothermus_OTU#669	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
unclassified Clostridiales_OTU#670	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Syntrophothermus_OTU#671	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Marvinbryantia_OTU#672	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0
Paludibacter_OTU#673	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Limibacter_OTU#674	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#675	0	0	0	0	0	0	0	0	0	1	1	1	3	0	0	0	3
Acetitomaculum_OTU#676	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Coprococcus_OTU#677	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Coprococcus_OTU#678	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#679	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Marvinbryantia_OTU#680	0	0	0	0	0	0	0	0	0	1	6	0	0	0	0	0	0

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Butyrivibrio_OTU#681	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#682	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#683	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#684	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Butyrivibrio_OTU#685	0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	0	0
Marvinbryantia_OTU#686	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#687	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Butyrivibrio_OTU#688	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Paludibacter_OTU#689	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#690	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Lachnobacterium_OTU#691	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Caminicella_OTU#692	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Lachnobacterium_OTU#693	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Paludibacter_OTU#694	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Anaerotruncus_OTU#695	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Achromobacter_OTU#696	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Limibacter_OTU#697	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0
Butyricoccus_OTU#698	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Acetitomaculum_OTU#699	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Anaerotruncus_OTU#700	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Dorea_OTU#701	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#702	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#703	0	0	0	0	0	2	1	2	1	0	0	0	1	0	0	0	0
Helicobacter_OTU#704	0	0	21	7	0	4	8	13	6	0	0	0	1	0	0	0	1
Ureaplasma_OTU#705	0	0	0	0	0	11	2	9	4	0	0	0	0	0	0	0	0
Parasutterella_OTU#706	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#707	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#708	0	0	1	0	0	1	0	3	0	0	0	0	0	0	0	0	0
Rikenella_OTU#709	0	0	0	0	0	1	1	0	1	0	0	0	1	0	0	0	0
Paludibacter_OTU#710	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#711	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#712	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#713	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0

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Paludibacter_OTU#714	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#715	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#716	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#717	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#718	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#719	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#720	0	0	0	0	0	1	1	0	0	0	0	0	1	0	1	0	0	0
Hallella_OTU#721	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#722	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Anaerovorax_OTU#723	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#724	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#725	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#726	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#727	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#728	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#729	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#730	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#731	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#732	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	3	0	0
Anaerophaga_OTU#733	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#734	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#735	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#736	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#737	0	0	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#738	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
Helicobacter_OTU#739	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#740	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#741	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#742	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#743	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#744	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#745	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#746	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0

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Paludibacter_OTU#747	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#748	0	0	0	0	0	1	0	2	0	0	0	0	1	0	0	0	0	0
unclassified Bacteroidetes_OTU#749	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0
Enterorhabdus_OTU#750	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
Rikenella_OTU#751	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#752	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#753	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#754	0	0	0	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0
Parasutterella_OTU#755	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#756	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#757	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#758	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0
Paludibacter_OTU#759	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#760	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Rikenella_OTU#761	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#762	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Lactobacillus_OTU#763	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#764	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Rikenella_OTU#765	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#766	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Paludibacter_OTU#767	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Lactobacillus_OTU#768	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Rikenella_OTU#769	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Allobaculum_OTU#770	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#771	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#772	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#773	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#774	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#775	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syntrophococcus_OTU#776	0	0	1	3	0	0	0	0	0	0	0	2	2	0	0	0	0	0
Lachnobacterium_OTU#777	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Helicobacter_OTU#778	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coprococcus_OTU#779	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Akkermansia_OTU#780	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Limibacter_OTU#781	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#782	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#783	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#784	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#785	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#786	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#787	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#788	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#789	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#790	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#791	0	0	1	0	0	0	1	0	0	0	0	2	1	0	0	0	0
Paludibacter_OTU#792	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#793	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parabacteroides_OTU#794	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#795	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#796	0	0	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#797	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#798	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#799	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#800	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#801	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#802	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#803	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#804	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#805	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#806	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heliobacillus_OTU#807	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#808	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#809	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dorea_OTU#810	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#811	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#812	0	0	1	0	0	0	0	1	0	0	1	0	3	0	0	0	0

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Limibacter_OTU#813	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Heliobacillus_OTU#814	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#815	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#816	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#817	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#818	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#819	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#820	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#821	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Helicobacter_OTU#822	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#823	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syntrophococcus_OTU#824	0	0	1	6	0	0	0	0	0	0	3	0	0	0	0	0	0	0
Lachnobacterium_OTU#825	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#826	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#827	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#828	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#829	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#830	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#831	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#832	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#833	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#834	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#835	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dorea_OTU#836	0	0	1	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Allobaculum_OTU#837	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#838	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#839	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aquiflexum_OTU#840	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nubsella_OTU#841	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#842	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syntrophococcus_OTU#843	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#844	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#845	0	0	1	2	0	0	0	0	0	0	1	1	1	0	0	0	0	0

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Anaerophaga_OTU#846	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#847	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#848	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#849	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#850	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#851	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Helicobacter_OTU#852	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#853	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#854	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#855	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Papillibacter_OTU#856	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#857	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#858	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xylanibacter_OTU#859	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Anaerophaga_OTU#860	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrogenoanaerobacterium_OTU#861	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butyricoccus_OTU#862	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#863	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Pseudozobellia_OTU#864	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Helicobacter_OTU#865	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#866	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#867	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Robinsoniella_OTU#868	0	0	0	0	0	0	0	0	0	0	31	0	1	0	0	0	0	0
unclassified Lachnospiraceae_OTU#869	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Marvinbryantia_OTU#870	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Sporobacterium_OTU#871	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#872	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	0
Oscillibacter_OTU#873	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Acetitomaculum_OTU#874	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0
Barnesiella_OTU#875	0	0	0	0	0	0	0	0	0	0	5	6	3	0	0	0	0	0
Dorea_OTU#876	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Blautia_OTU#877	0	0	0	2	0	0	0	0	0	0	9	0	1	0	0	0	0	0
Butyrivibrio_OTU#878	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0

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Robinsoniella_OTU#879	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Marvinbryantia_OTU#880	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Howardella_OTU#881	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Coprococcus_OTU#882	0	0	0	0	0	0	0	0	0	0	8	1	0	0	0	0	0
Butyricococcus_OTU#883	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Robinsoniella_OTU#884	0	0	0	0	0	0	0	0	0	0	10	0	1	0	0	0	0
Peptococcus_OTU#885	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Dorea_OTU#886	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Acetitomaculum_OTU#887	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Marvinbryantia_OTU#888	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Roseburia_OTU#889	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Butyrivibrio_OTU#890	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0
Marvinbryantia_OTU#891	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0
Pseudoxanthomonas_OTU#892	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Butyricococcus_OTU#893	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Lachnobacterium_OTU#894	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#895	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Marvinbryantia_OTU#896	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#897	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Robinsoniella_OTU#898	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Robinsoniella_OTU#899	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Turcibacter_OTU#900	0	0	0	0	0	0	0	0	0	0	10	0	5	0	0	0	0
Paludibacter_OTU#901	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Robinsoniella_OTU#902	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaerophaga_OTU#903	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Eggerthella_OTU#904	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Dorea_OTU#905	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Ruminococcus_OTU#906	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Robinsoniella_OTU#907	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Dorea_OTU#908	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Escherichia/Shigella_OTU#909	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Butyrivibrio_OTU#910	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Streptophyta_OTU#911	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0

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Terasakiella_OTU#912	0	0	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0
Chlorophyta_OTU#913	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Butyrivibrio_OTU#914	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Blautia_OTU#915	0	0	0	3	0	0	0	0	0	0	8	0	0	0	0	0	0
Parabacteroides_OTU#916	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
Robinsoniella_OTU#917	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Syntrophococcus_OTU#918	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0
Anaerotruncus_OTU#919	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
Barnesiella_OTU#920	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Mesorhizobium_OTU#921	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Blautia_OTU#922	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#923	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Escherichia/Shigella_OTU#924	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
Lachnobacterium_OTU#925	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Parasporobacterium_OTU#926	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Oscillibacter_OTU#927	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Blautia_OTU#928	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Robinsoniella_OTU#929	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Syntrophococcus_OTU#930	0	0	0	1	0	0	0	0	0	0	2	2	0	0	0	0	0
Butyrivibrio_OTU#931	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Butyrivibrio_OTU#932	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Oscillibacter_OTU#933	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Lachnobacterium_OTU#934	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Robinsoniella_OTU#935	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Butyricoccus_OTU#936	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
Catonella_OTU#937	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#938	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Burkholderia_OTU#939	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1
Anaerotruncus_OTU#940	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Acetitomaculum_OTU#941	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0
Lawsonia_OTU#942	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Marvinbryantia_OTU#943	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
Syntrophococcus_OTU#944	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0

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Streptophyta_OTU#945	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	3	0
Butyricoccus_OTU#946	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0
Paludibacter_OTU#947	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Parasporobacterium_OTU#948	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0
Robinsoniella_OTU#949	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Marvinbryantia_OTU#950	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Blautia_OTU#951	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
Roseburia_OTU#952	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Butyrivibrio_OTU#953	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Ruminococcus_OTU#954	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Anaerotruncus_OTU#955	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Acetitomaculum_OTU#956	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Marvinbryantia_OTU#957	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Allobaculum_OTU#958	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Lactonifactor_OTU#959	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
Coprococcus_OTU#960	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Anaerophaga_OTU#961	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Rikenella_OTU#962	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Parasporobacterium_OTU#963	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
unclassified Clostridiales_OTU#964	0	0	0	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Marvinbryantia_OTU#965	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#966	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#967	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Desulfobotulus_OTU#968	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Dorea_OTU#969	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#970	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Parasporobacterium_OTU#971	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Dorea_OTU#972	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Butyricoccus_OTU#973	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Allobaculum_OTU#974	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Diaphorobacter_OTU#975	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	1	0
Butyricoccus_OTU#976	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Stenotrophomonas_OTU#977	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0

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Oscillibacter_OTU#978	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Syntrophococcus_OTU#979	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Butyricococcus_OTU#980	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Parasutterella_OTU#981	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Peptococcus_OTU#982	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Howardella_OTU#983	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Anaerophaga_OTU#984	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0
Marvinbryantia_OTU#985	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Butyricococcus_OTU#986	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Butyricococcus_OTU#987	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Marvinbryantia_OTU#988	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Oscillibacter_OTU#989	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0
Howardella_OTU#990	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Bulleidia_OTU#991	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Marvinbryantia_OTU#992	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Howardella_OTU#993	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Marvinbryantia_OTU#994	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Acidovorax_OTU#995	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Marvinbryantia_OTU#996	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Anaerophaga_OTU#997	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Mucispirillum_OTU#998	0	0	0	0	0	0	7	7	10	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#999	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1000	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#1001	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1002	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1003	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1004	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Helicobacter_OTU#1005	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1006	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#1007	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#1008	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1009	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Pseudozobellia_OTU#1010	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0

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Limibacter_OTU#1011	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Robinsoniella_OTU#1012	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1013	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Mucispirillum_OTU#1014	0	0	0	0	0	0	5	11	22	0	0	0	0	0	0	0	0	0
Tannerella_OTU#1015	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
unclassified Porphyromonadaceae_OTU#1016	0	0	0	1	0	0	1	0	1	0	0	0	1	0	0	0	0	0
Parasutterella_OTU#1017	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#1018	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1019	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1020	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#1021	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#1022	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1023	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1024	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1025	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1026	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1027	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Marvinbryantia_OTU#1029	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#1030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Limibacter_OTU#1031	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Anaerophaga_OTU#1032	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#1033	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Roseburia_OTU#1034	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Roseburia_OTU#1035	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Barnesiella_OTU#1036	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Enterococcus_OTU#1037	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Alloiococcus_OTU#1038	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Eubacterium_OTU#1039	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#1040	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0
Salinihabitans_OTU#1041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Rikenella_OTU#1042	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#1043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

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Paludibacter_OTU#1044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
Anaerophaga_OTU#1045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Syntrophococcus_OTU#1046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#1047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#1048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Anaerophaga_OTU#1049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Mucispirillum_OTU#1050	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Helicobacter_OTU#1051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Anaerophaga_OTU#1052	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Paludibacter_OTU#1053	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Smithella_OTU#1054	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dorea_OTU#1055	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1056	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerovorax_OTU#1057	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#1058	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1059	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#1060	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasporobacterium_OTU#1061	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syntrophococcus_OTU#1062	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1063	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#1064	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#1065	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1066	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marvinbryantia_OTU#1067	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1068	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acetanaerobacterium_OTU#1069	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1070	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1071	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Desulfurispora_OTU#1072	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1073	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sporobacterium_OTU#1074	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oscillibacter_OTU#1075	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1076	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Limibacter_OTU#1077	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1078	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syntrophococcus_OTU#1079	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sporobacterium_OTU#1080	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnesiella_OTU#1081	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1082	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1083	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1084	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butyricicoccus_OTU#1085	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1086	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acetitomaculum_OTU#1087	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Robinsoniella_OTU#1088	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1089	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thiorhodospira_OTU#1090	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1091	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1092	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butyricicoccus_OTU#1093	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syntrophococcus_OTU#1094	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parasporobacterium_OTU#1095	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#1096	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#1097	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marvinbryantia_OTU#1098	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1099	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#1100	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1101	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#1102	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paraprevotella_OTU#1103	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1104	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1105	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Robinsoniella_OTU#1106	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Bacteroidales_OTU#1107	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Parasporobacterium_OTU#1108	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sharpea_OTU#1109	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Limibacter_OTU#1110	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1111	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dorea_OTU#1112	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oscillibacter_OTU#1113	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1114	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1115	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Robinsoniella_OTU#1116	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syntrophococcus_OTU#1117	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aquiflexum_OTU#1118	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1119	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1120	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sporobacterium_OTU#1121	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1122	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marvinbryantia_OTU#1123	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allobaculum_OTU#1124	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#1125	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerotruncus_OTU#1126	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Parasporobacterium_OTU#1127	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1128	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marvinbryantia_OTU#1129	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1130	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#1131	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Roseburia_OTU#1132	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Syntrophococcus_OTU#1133	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Limibacter_OTU#1134	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Coprococcus_OTU#1135	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Anaerophaga_OTU#1136	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#1137	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Oscillibacter_OTU#1138	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Roseburia_OTU#1139	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Blautia_OTU#1140	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Limibacter_OTU#1141	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Parasporobacterium_OTU#1142	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

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Anaerophaga_OTU#1143	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Dorea_OTU#1144	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Robinsoniella_OTU#1145	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
Paludibacter_OTU#1146	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#1147	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Limibacter_OTU#1148	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Shuttleworthia_OTU#1149	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Anaerophaga_OTU#1150	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Streptococcus_OTU#1151	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#1152	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#1153	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Maritalea_OTU#1154	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Oscillibacter_OTU#1155	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Allobaculum_OTU#1156	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#1157	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Limibacter_OTU#1158	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Marvinbryantia_OTU#1159	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#1160	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Staphylococcus_OTU#1161	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Pseudozobellia_OTU#1162	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Dorea_OTU#1163	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Barnesiella_OTU#1164	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#1165	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Paludibacter_OTU#1166	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Robinsoniella_OTU#1167	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Paludibacter_OTU#1168	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Lachnobacterium_OTU#1169	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Syntrophococcus_OTU#1170	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Anaerophaga_OTU#1171	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Syntrophococcus_OTU#1172	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Globicatella_OTU#1173	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Limibacter_OTU#1174	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Limibacter_OTU#1175	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

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Paludibacter_OTU#1176	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Blautia_OTU#1177	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Robinsoniella_OTU#1178	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1179	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1180	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#1181	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0
Anaerotruncus_OTU#1182	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1183	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Pseudozobellia_OTU#1184	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Roseburia_OTU#1185	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Limibacter_OTU#1186	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#1187	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Robinsoniella_OTU#1188	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Parabacteroides_OTU#1189	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1190	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1191	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Marvinbryantia_OTU#1192	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Robinsoniella_OTU#1193	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#1194	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaerophaga_OTU#1195	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Butyrivibrio_OTU#1196	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Parasutterella_OTU#1197	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#1198	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Lactobacillus_OTU#1199	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Turicibacter_OTU#1200	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaerotruncus_OTU#1201	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaerophaga_OTU#1202	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1203	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Sharpea_OTU#1204	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1205	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0
Robinsoniella_OTU#1206	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Rikenella_OTU#1207	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Terasakiella_OTU#1208	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0

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Barnesiella_OTU#1209	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Paludibacter_OTU#1210	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
Robinsoniella_OTU#1211	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Marvinbryantia_OTU#1212	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Barnesiella_OTU#1213	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Limibacter_OTU#1214	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Roseburia_OTU#1215	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Robinsoniella_OTU#1216	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaerophaga_OTU#1217	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Dorea_OTU#1218	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Acinetobacter_OTU#1219	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Tannerella_OTU#1220	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Helicobacter_OTU#1221	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1222	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1223	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1224	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1225	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1226	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#1227	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1228	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Limibacter_OTU#1229	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#1230	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Parasutterella_OTU#1231	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Paludibacter_OTU#1232	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
Rikenella_OTU#1233	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Tannerella_OTU#1234	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Lachnobacterium_OTU#1235	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Corynebacterium_OTU#1236	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Corynebacterium_OTU#1237	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Anaerotruncus_OTU#1238	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Butyrivococcus_OTU#1239	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Burkholderia_OTU#1240	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Propionibacterium_OTU#1241	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0

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Allobaculum_OTU#1242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Sporacetigenium_OTU#1243	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Tumebacillus_OTU#1244	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Limibacter_OTU#1245	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Tumebacillus_OTU#1246	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Ilumatobacter_OTU#1247	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
Tumebacillus_OTU#1248	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Paludibacter_OTU#1249	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Anaerotruncus_OTU#1250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Roseburia_OTU#1251	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Anaerostipes_OTU#1252	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Propionibacterium_OTU#1253	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Acinetobacter_OTU#1254	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Roseburia_OTU#1255	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Comamonas_OTU#1256	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Anaerophaga_OTU#1257	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Anaerophaga_OTU#1258	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
unclassified Bacteroidales_OTU#1259	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Marvinbryantia_OTU#1260	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#1261	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Marvinbryantia_OTU#1262	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Turcibacter_OTU#1263	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Robinsoniella_OTU#1264	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#1265	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Anaerophaga_OTU#1266	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Sporobacter_OTU#1267	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0
Paludibacter_OTU#1268	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#1269	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Anaerophaga_OTU#1270	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Lactobacillus_OTU#1271	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#1272	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Robinsoniella_OTU#1273	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Barnesiella_OTU#1274	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

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Paludibacter_OTU#1275	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#1276	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#1277	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#1278	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#1279	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Robinsoniella_OTU#1280	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#1281	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#1282	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#1283	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Dorea_OTU#1284	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Coprococcus_OTU#1285	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Oscillibacter_OTU#1286	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Robinsoniella_OTU#1287	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
Paludibacter_OTU#1288	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#1289	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Anaerophaga_OTU#1290	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#1291	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Anaerophaga_OTU#1292	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#1293	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Barnesiella_OTU#1294	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Lachnobacterium_OTU#1295	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#1296	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Acetitomaculum_OTU#1297	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Rikenella_OTU#1298	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Limibacter_OTU#1299	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#1300	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Limibacter_OTU#1301	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Robinsoniella_OTU#1302	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#1303	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Robinsoniella_OTU#1304	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Anaerophaga_OTU#1305	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#1306	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Paludibacter_OTU#1307	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0

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Roseburia_OTU#1308	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#1309	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Oscillibacter_OTU#1310	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Roseburia_OTU#1311	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Acetitomaculum_OTU#1312	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Paludibacter_OTU#1313	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Roseburia_OTU#1314	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Anaerophaga_OTU#1315	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Robinsoniella_OTU#1316	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Sediminitomix_OTU#1317	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Limibacter_OTU#1318	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Pseudozobellia_OTU#1319	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Anaerophaga_OTU#1320	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Lachnobacterium_OTU#1321	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Parasutterella_OTU#1322	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Rikenella_OTU#1323	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1324	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Asaccharobacter_OTU#1325	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Anaerophaga_OTU#1326	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0

Supplementary Table 6. SIMPER analysis of *Ace2*^{+/-y} and *Ace2*^{-/-y} mice with or without nicotinamide (NAM) treatment.

SIMPER analysis was performed to detect OTUs contributing to the dissimilarities in ileocaecal microbial communities related to host genotype and nicotinamide (NAM) treatments. All significant OTUs are ranked according to their contribution. Average abundance of OTUs in each treatment/genotype group is shown as percentages. Contribution of each OTU to the overall community is also given in %. Bray Curtis dissimilar measures were used to perform the analyses.

OTUs Affiliation	<i>Ace2</i> ^{-/-y}	<i>Ace2</i> ^{-/-y} + NAM	<i>Ace2</i> ^{+/-y}	<i>Ace2</i> ^{+/-y} + NAM	Contribution	Cumulative %
Allobaculum_OTU#2	22.79	0.12	0.00	0.02	5.29	16.81
Limibacter_OTU#5	9.19	7.20	6.40	8.86	3.21	21.01
Robinsoniella_OTU#523	0.00	0.00	12.91	0.00	2.98	24.90
Tannerella_OTU#22	0.85	4.94	6.35	7.72	2.93	28.73
Rikenella_OTU#68	0.42	2.74	2.83	10.40	2.77	32.36
Parasutterella_OTU#105	0.65	9.22	0.00	0.30	2.51	35.65
Paludibacter_OTU#62	0.15	0.12	0.55	9.02	2.43	38.83
Lactobacillus_OTU#116	0.15	0.22	0.00	8.56	2.32	41.86
Parasutterella_OTU#67	2.20	4.22	2.35	9.20	2.18	44.70
Paludibacter_OTU#123	0.00	1.52	7.85	4.40	2.14	47.50
Roseburia_OTU#356	0.00	0.02	0.00	7.20	1.94	50.03
Anaerophaga_OTU#8	2.68	5.86	0.28	0.00	1.82	52.42
Paludibacter_OTU#16	2.15	4.20	0.33	4.20	1.35	54.18
Barnesiella_OTU#43	2.68	0.08	4.60	0.90	1.29	55.86
Paludibacter_OTU#71	0.52	0.26	5.45	0.22	1.28	57.54
Sporacetigenium_OTU#225	0.00	0.08	0.00	4.72	1.28	59.21
Rikenella_OTU#33	0.52	2.60	1.08	3.48	1.14	60.71
Limibacter_OTU#226	0.50	3.78	0.00	0.08	1.04	62.07

Marvinbryantia_OTU#471	0.42	0.00	3.50	0.00	0.85	63.19
Barnesiella_OTU#34	1.40	2.66	0.23	0.98	0.81	64.25
Barnesiella_OTU#35	3.25	0.22	1.15	0.34	0.81	65.32
Paludibacter_OTU#118	0.60	2.60	1.30	1.12	0.71	66.24
Anaerophaga_OTU#15	0.90	1.98	0.05	0.00	0.62	67.05
Paludibacter_OTU#57	1.20	1.20	2.40	1.00	0.60	67.83
Anaerophaga_OTU#122	0.00	0.00	2.10	0.06	0.49	68.48
Paludibacter_OTU#154	0.27	0.76	0.25	1.28	0.44	69.06
Dichelobacter_OTU#221	0.00	1.64	0.00	0.00	0.44	69.63
unclassified_Clostridiales_OTU#596	0.00	1.42	0.05	0.00	0.39	70.14
Allobaculum_OTU#119	0.00	0.00	0.00	1.42	0.38	70.64
Paludibacter_OTU#70	0.47	0.12	0.00	1.24	0.37	71.13
Rikenella_OTU#108	0.20	1.18	0.10	0.38	0.34	71.57
Coprococcus_OTU#524	0.02	0.00	1.38	0.00	0.32	71.99
Allobaculum_OTU#17	1.25	0.04	0.03	0.02	0.29	72.37
Helicobacter_OTU#704	0.70	0.62	0.03	0.02	0.28	72.74
Barnesiella_OTU#129	0.20	0.84	0.88	0.12	0.28	73.11
Ralstonia_OTU#515	0.07	0.00	0.33	0.72	0.26	73.45
Allobaculum_OTU#47	1.05	0.06	0.08	0.12	0.26	73.78
Allobaculum_OTU#32	1.05	0.02	0.10	0.04	0.25	74.11
Paludibacter_OTU#138	0.17	0.02	0.93	0.04	0.23	74.41
Mucispirillum_OTU#1014	0.00	0.76	0.00	0.00	0.20	74.68
Anaerophaga_OTU#14	0.40	0.56	0.03	0.00	0.19	74.93
Robinsoniella_OTU#868	0.00	0.00	0.80	0.00	0.19	75.17
Olsenella_OTU#58	0.67	0.12	0.15	0.00	0.18	75.40
Marvinbryantia_OTU#533	0.12	0.00	0.60	0.00	0.16	75.61
Allobaculum_OTU#256	0.00	0.58	0.00	0.00	0.16	75.82
Butyricoccus_OTU#522	0.17	0.00	0.50	0.00	0.14	76.01
Allobaculum_OTU#125	0.00	0.00	0.43	0.34	0.14	76.19
Limibacter_OTU#29	0.52	0.00	0.18	0.00	0.14	76.38

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Ureaplasma_OTU#705	0.00	0.52	0.00	0.00	0.14	76.56
Oscillibacter_OTU#619	0.00	0.00	0.60	0.00	0.14	76.74
Limibacter_OTU#3	0.47	0.02	0.28	0.08	0.14	76.92
Limibacter_OTU#458	0.30	0.02	0.35	0.00	0.13	77.10
Mucispirillum_OTU#998	0.00	0.48	0.00	0.00	0.13	77.26
Allobaculum_OTU#4	0.55	0.00	0.00	0.00	0.13	77.43
Peptococcus_OTU#24	0.02	0.00	0.53	0.00	0.13	77.60
Barnesiella_OTU#230	0.27	0.34	0.00	0.00	0.12	77.76
Paludibacter_OTU#106	0.05	0.18	0.40	0.14	0.12	77.92
Anaerobacter_OTU#443	0.45	0.02	0.13	0.00	0.12	78.08
Limibacter_OTU#184	0.17	0.42	0.03	0.06	0.12	78.24
Mucispirillum_OTU#545	0.00	0.00	0.50	0.00	0.12	78.39
Ruminococcus_OTU#580	0.05	0.00	0.48	0.00	0.11	78.54
Blautia_OTU#233	0.00	0.18	0.00	0.28	0.11	78.69
Robinsoniella_OTU#421	0.47	0.00	0.00	0.00	0.11	78.83
Paludibacter_OTU#94	0.20	0.20	0.10	0.20	0.11	78.97
Paludibacter_OTU#143	0.00	0.00	0.13	0.34	0.11	79.11
Salinihabitans_OTU#165	0.00	0.04	0.03	0.38	0.11	79.25
Paludibacter_OTU#378	0.00	0.00	0.45	0.02	0.11	79.39
Paludibacter_OTU#148	0.30	0.12	0.00	0.16	0.10	79.53
Anaerophaga_OTU#126	0.00	0.12	0.28	0.10	0.10	79.66
Lactobacillus_OTU#275	0.05	0.06	0.40	0.00	0.10	79.79
Marvinbryantia_OTU#526	0.00	0.00	0.43	0.00	0.10	79.92
Paludibacter_OTU#144	0.05	0.18	0.18	0.18	0.10	80.04
Paludibacter_OTU#98	0.05	0.08	0.13	0.26	0.10	80.17
Parasutterella_OTU#257	0.12	0.28	0.00	0.00	0.09	80.29
Rikenella_OTU#212	0.05	0.16	0.08	0.22	0.09	80.41
Limibacter_OTU#170	0.05	0.30	0.00	0.04	0.09	80.52
Limibacter_OTU#224	0.02	0.32	0.00	0.00	0.09	80.64
Turicibacter_OTU#900	0.00	0.00	0.38	0.00	0.09	80.75

Supplementary Table 6

Allobaculum_OTU#12	0.37	0.00	0.00	0.00	0.09	80.87
Acetitomaculum_OTU#604	0.05	0.00	0.35	0.00	0.09	80.98
Paludibacter_OTU#107	0.10	0.08	0.03	0.24	0.09	81.09
unclassified_Porphyrromonadaceae_OTU#153	0.05	0.26	0.00	0.10	0.08	81.20
Paludibacter_OTU#270	0.25	0.16	0.00	0.00	0.08	81.31
Barnesiella_OTU#875	0.00	0.00	0.35	0.00	0.08	81.41
Limibacter_OTU#149	0.12	0.06	0.20	0.08	0.08	81.52
Lachnobacterium_OTU#424	0.32	0.00	0.00	0.02	0.08	81.62
Paludibacter_OTU#83	0.12	0.24	0.13	0.08	0.08	81.72
Anaerophaga_OTU#329	0.00	0.00	0.28	0.06	0.07	81.81
Oscillibacter_OTU#535	0.00	0.00	0.30	0.00	0.07	81.90
Paludibacter_OTU#261	0.20	0.14	0.00	0.00	0.07	81.99
Acetitomaculum_OTU#620	0.10	0.00	0.23	0.00	0.07	82.08
Lachnobacterium_OTU#298	0.12	0.04	0.20	0.00	0.07	82.17
Paludibacter_OTU#41	0.05	0.12	0.03	0.14	0.07	82.26
Blautia_OTU#877	0.05	0.00	0.25	0.00	0.07	82.35
unclassified_Porphyrromonadaceae_OTU#419	0.22	0.00	0.10	0.00	0.07	82.44
Anaerophaga_OTU#277	0.05	0.22	0.00	0.00	0.06	82.52
Robinsoniella_OTU#528	0.00	0.00	0.28	0.00	0.06	82.60
Allobaculum_OTU#39	0.27	0.00	0.00	0.00	0.06	82.69
Butyrivibrio_OTU#890	0.00	0.00	0.28	0.00	0.06	82.77
Robinsoniella_OTU#884	0.00	0.00	0.28	0.00	0.06	82.85
Rikenella_OTU#99	0.10	0.00	0.20	0.00	0.06	82.93
Barnesiella_OTU#300	0.02	0.06	0.08	0.18	0.06	83.02
Anaerophaga_OTU#246	0.05	0.20	0.00	0.00	0.06	83.10
unclassified_Porphyrromonadaceae_OTU#266	0.12	0.16	0.00	0.00	0.06	83.18
Blautia_OTU#915	0.07	0.00	0.20	0.00	0.06	83.26
Limibacter_OTU#136	0.12	0.00	0.00	0.16	0.06	83.34
Anaerophaga_OTU#202	0.07	0.00	0.23	0.04	0.06	83.42
Anaerophaga_OTU#251	0.10	0.18	0.00	0.00	0.06	83.50

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Parasutterella_OTU#239	0.05	0.20	0.00	0.00	0.06	83.57
Parabacteroides_OTU#556	0.00	0.00	0.20	0.08	0.06	83.65
Robinsoniella_OTU#534	0.00	0.00	0.25	0.00	0.06	83.73
Roseburia_OTU#553	0.00	0.00	0.25	0.00	0.06	83.80
Paludibacter_OTU#38	0.15	0.16	0.05	0.02	0.06	83.88
Paludibacter_OTU#379	0.00	0.00	0.23	0.02	0.05	83.95
Syntrophococcus_OTU#824	0.17	0.00	0.08	0.00	0.05	84.02
Oscillibacter_OTU#536	0.05	0.00	0.20	0.00	0.05	84.09
Rikenella_OTU#227	0.00	0.20	0.00	0.00	0.05	84.16
Zhangella_OTU#562	0.05	0.00	0.20	0.00	0.05	84.23
Paludibacter_OTU#158	0.00	0.04	0.10	0.12	0.05	84.30
Paludibacter_OTU#182	0.00	0.12	0.00	0.12	0.05	84.37
Coprococcus_OTU#882	0.00	0.00	0.23	0.00	0.05	84.44
Parasporobacterium_OTU#491	0.22	0.00	0.00	0.00	0.05	84.51
Flexithrix_OTU#78	0.10	0.14	0.00	0.00	0.05	84.57
Paludibacter_OTU#26	0.15	0.00	0.03	0.10	0.05	84.64
Butyricoccus_OTU#102	0.05	0.00	0.18	0.00	0.05	84.70
Paludibacter_OTU#579	0.05	0.00	0.18	0.00	0.05	84.77
Tannerella_OTU#132	0.00	0.02	0.10	0.10	0.05	84.83
Butyricoccus_OTU#537	0.00	0.00	0.20	0.00	0.05	84.89
Allobaculum_OTU#11	0.20	0.00	0.00	0.00	0.05	84.95
Howardella_OTU#644	0.00	0.00	0.20	0.00	0.05	85.01
Barnesiella_OTU#675	0.00	0.00	0.15	0.06	0.05	85.07
Bacteroides_OTU#614	0.00	0.00	0.05	0.14	0.05	85.13
unclassified_Bacteroidales_OTU#77	0.15	0.06	0.03	0.00	0.05	85.19
Parasutterella_OTU#82	0.02	0.16	0.00	0.00	0.05	85.25
Paludibacter_OTU#69	0.17	0.02	0.00	0.00	0.04	85.31
Paludibacter_OTU#53	0.10	0.08	0.08	0.10	0.04	85.36
Paludibacter_OTU#161	0.00	0.02	0.00	0.14	0.04	85.42
Tannerella_OTU#9	0.10	0.04	0.00	0.08	0.04	85.47

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Tannerella_OTU#175	0.00	0.08	0.05	0.08	0.04	85.52
Paludibacter_OTU#234	0.10	0.08	0.00	0.00	0.04	85.58
Syntrophococcus_OTU#776	0.10	0.00	0.10	0.00	0.04	85.63
Dorea_OTU#611	0.00	0.00	0.18	0.00	0.04	85.69
Marvinbryantia_OTU#680	0.00	0.00	0.18	0.00	0.04	85.74
Paludibacter_OTU#512	0.17	0.00	0.00	0.00	0.04	85.79
Limibacter_OTU#142	0.00	0.00	0.05	0.12	0.04	85.84
Paludibacter_OTU#213	0.00	0.02	0.13	0.06	0.04	85.90
Terasakiella_OTU#912	0.00	0.00	0.18	0.00	0.04	85.95
Paludibacter_OTU#461	0.05	0.06	0.10	0.00	0.04	86.00
Anaerophaga_OTU#49	0.12	0.08	0.00	0.00	0.04	86.05
Barnesiella_OTU#189	0.00	0.10	0.05	0.02	0.04	86.11
Heliobacillus_OTU#541	0.02	0.00	0.15	0.00	0.04	86.16
Paludibacter_OTU#360	0.02	0.06	0.13	0.02	0.04	86.20
Limibacter_OTU#301	0.00	0.14	0.00	0.00	0.04	86.25
Acetitomaculum_OTU#518	0.05	0.00	0.13	0.00	0.04	86.30
Paludibacter_OTU#367	0.05	0.06	0.05	0.04	0.04	86.35
Rikenella_OTU#145	0.02	0.06	0.08	0.10	0.04	86.40
Tannerella_OTU#278	0.02	0.12	0.00	0.02	0.04	86.45
Rikenella_OTU#429	0.02	0.12	0.00	0.00	0.04	86.49
Paludibacter_OTU#76	0.02	0.12	0.00	0.00	0.04	86.54
Oscillibacter_OTU#481	0.15	0.00	0.00	0.00	0.03	86.58
Lachnobacterium_OTU#386	0.15	0.00	0.00	0.00	0.03	86.63
Robinsoniella_OTU#872	0.00	0.00	0.15	0.00	0.03	86.67
Paludibacter_OTU#703	0.00	0.12	0.03	0.00	0.03	86.72
Robinsoniella_OTU#546	0.00	0.00	0.15	0.00	0.03	86.77
Paludibacter_OTU#319	0.00	0.06	0.00	0.08	0.03	86.81
Paludibacter_OTU#209	0.12	0.00	0.00	0.02	0.03	86.85
Oscillibacter_OTU#396	0.12	0.00	0.03	0.00	0.03	86.90
Dorea_OTU#836	0.12	0.00	0.03	0.00	0.03	86.94

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Paludibacter_OTU#218	0.00	0.06	0.00	0.08	0.03	86.98
Paludibacter_OTU#133	0.00	0.00	0.00	0.12	0.03	87.02
Anaerostipes_OTU#245	0.00	0.04	0.03	0.08	0.03	87.07
Barnesiella_OTU#208	0.00	0.00	0.10	0.04	0.03	87.11
Barnesiella_OTU#812	0.02	0.02	0.10	0.00	0.03	87.14
Paludibacter_OTU#845	0.07	0.00	0.08	0.00	0.03	87.18
Paludibacter_OTU#220	0.00	0.00	0.08	0.06	0.03	87.22
Paludibacter_OTU#211	0.00	0.00	0.03	0.10	0.03	87.26
Parasporobacterium_OTU#948	0.00	0.00	0.13	0.00	0.03	87.30
Butyricococcus_OTU#544	0.00	0.00	0.13	0.00	0.03	87.34
Acetitomaculum_OTU#874	0.00	0.00	0.13	0.00	0.03	87.37
Rikenella_OTU#185	0.00	0.04	0.03	0.08	0.03	87.41
Anaerophaga_OTU#636	0.00	0.00	0.13	0.00	0.03	87.45
Barnesiella_OTU#115	0.12	0.00	0.00	0.00	0.03	87.49
Butyrivibrio_OTU#685	0.00	0.00	0.13	0.00	0.03	87.52
Robinsoniella_OTU#558	0.00	0.00	0.13	0.00	0.03	87.56
Paludibacter_OTU#97	0.05	0.04	0.00	0.06	0.03	87.60
Paludibacter_OTU#732	0.00	0.04	0.03	0.06	0.03	87.64
Paludibacter_OTU#307	0.02	0.08	0.03	0.02	0.03	87.67
Barnesiella_OTU#349	0.00	0.02	0.05	0.06	0.03	87.71
Paludibacter_OTU#146	0.02	0.04	0.05	0.04	0.03	87.75
Anaerophaga_OTU#199	0.02	0.04	0.05	0.04	0.03	87.78
Limibacter_OTU#92	0.10	0.02	0.05	0.02	0.03	87.82
Paludibacter_OTU#104	0.07	0.00	0.05	0.02	0.03	87.86
Syntrophococcus_OTU#930	0.02	0.00	0.10	0.00	0.03	87.89
Paludibacter_OTU#758	0.00	0.00	0.00	0.10	0.03	87.93
Propionibacterium_OTU#1241	0.00	0.00	0.00	0.10	0.03	87.96
Barnesiella_OTU#316	0.02	0.00	0.05	0.06	0.03	88.00
Asaccharobacter_OTU#56	0.07	0.00	0.05	0.00	0.03	88.03
Paludibacter_OTU#197	0.00	0.04	0.03	0.06	0.03	88.07

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Paludibacter_OTU#247	0.00	0.06	0.05	0.00	0.03	88.10
Paludibacter_OTU#183	0.00	0.00	0.10	0.02	0.03	88.14
Limibacter_OTU#112	0.07	0.06	0.00	0.00	0.03	88.17
Limibacter_OTU#177	0.07	0.00	0.00	0.04	0.03	88.20
Paludibacter_OTU#433	0.02	0.08	0.00	0.00	0.03	88.24
Paludibacter_OTU#708	0.02	0.08	0.00	0.00	0.03	88.27
Barnesiella_OTU#178	0.00	0.00	0.03	0.08	0.03	88.30
Parasutterella_OTU#110	0.10	0.00	0.03	0.00	0.03	88.34
Anaerophaga_OTU#283	0.05	0.06	0.00	0.00	0.03	88.37
Paludibacter_OTU#198	0.00	0.06	0.00	0.04	0.03	88.40
Rikenella_OTU#409	0.02	0.08	0.00	0.00	0.02	88.44
Paludibacter_OTU#272	0.02	0.08	0.00	0.00	0.02	88.47
Streptophyta_OTU#945	0.00	0.02	0.03	0.06	0.02	88.50
Paludibacter_OTU#791	0.02	0.02	0.08	0.00	0.02	88.53
Paludibacter_OTU#370	0.07	0.00	0.03	0.02	0.02	88.56
Anaerotruncus_OTU#494	0.05	0.04	0.00	0.02	0.02	88.59
Limibacter_OTU#157	0.00	0.06	0.00	0.04	0.02	88.63
Tannerella_OTU#339	0.00	0.02	0.05	0.04	0.02	88.66
Acetitomaculum_OTU#571	0.00	0.00	0.10	0.00	0.02	88.69
Robinsoniella_OTU#1145	0.00	0.00	0.10	0.00	0.02	88.72
Allobaculum_OTU#66	0.10	0.00	0.00	0.00	0.02	88.75
Howardella_OTU#503	0.10	0.00	0.00	0.00	0.02	88.78
Syntrophococcus_OTU#918	0.00	0.00	0.10	0.00	0.02	88.81
Roseburia_OTU#581	0.00	0.00	0.10	0.00	0.02	88.84
Lachnobacterium_OTU#589	0.00	0.00	0.10	0.00	0.02	88.87
unclassified_Clostridiales_OTU#438	0.10	0.00	0.00	0.00	0.02	88.90
Barnesiella_OTU#499	0.10	0.00	0.00	0.00	0.02	88.93
Paludibacter_OTU#651	0.00	0.00	0.10	0.00	0.02	88.96
Butyricoccus_OTU#946	0.00	0.00	0.10	0.00	0.02	88.99
Limibacter_OTU#416	0.10	0.00	0.00	0.00	0.02	89.02

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Allobaculum_OTU#72	0.10	0.00	0.00	0.00	0.02	89.05
Coprococcus_OTU#566	0.00	0.00	0.10	0.00	0.02	89.08
Butyrivibrio_OTU#661	0.00	0.00	0.10	0.00	0.02	89.11
Allobaculum_OTU#19	0.10	0.00	0.00	0.00	0.02	89.14
Acetitomaculum_OTU#941	0.00	0.00	0.10	0.00	0.02	89.17
Allobaculum_OTU#65	0.10	0.00	0.00	0.00	0.02	89.20
Barnesiella_OTU#335	0.00	0.04	0.05	0.04	0.02	89.23
Anaerophaga_OTU#586	0.00	0.04	0.08	0.00	0.02	89.26
Oscillibacter_OTU#643	0.00	0.00	0.10	0.00	0.02	89.29
Marvinbryantia_OTU#54	0.02	0.00	0.08	0.00	0.02	89.32
Limibacter_OTU#813	0.07	0.02	0.00	0.00	0.02	89.35
Limibacter_OTU#1006	0.00	0.08	0.00	0.00	0.02	89.38
Barnesiella_OTU#73	0.07	0.00	0.03	0.00	0.02	89.41
Paludibacter_OTU#304	0.00	0.08	0.00	0.00	0.02	89.43
Paludibacter_OTU#399	0.07	0.00	0.03	0.00	0.02	89.46
unclassified_Bacteroidales_OTU#737	0.00	0.08	0.00	0.00	0.02	89.49
Paludibacter_OTU#492	0.07	0.00	0.03	0.00	0.02	89.52
Paludibacter_OTU#140	0.00	0.00	0.00	0.08	0.02	89.55
unclassified_Clostridiales_OTU#964	0.05	0.00	0.05	0.00	0.02	89.57
Paludibacter_OTU#196	0.00	0.00	0.00	0.08	0.02	89.60
Limibacter_OTU#353	0.02	0.00	0.05	0.04	0.02	89.63
Diaphorobacter_OTU#975	0.00	0.00	0.08	0.02	0.02	89.66
Barnesiella_OTU#236	0.02	0.06	0.00	0.00	0.02	89.69
Paludibacter_OTU#100	0.05	0.04	0.00	0.00	0.02	89.71
unclassified_Porphyrimonadaceae_OTU#286	0.00	0.04	0.05	0.00	0.02	89.74
Acetitomaculum_OTU#263	0.00	0.04	0.05	0.00	0.02	89.77
Paludibacter_OTU#485	0.02	0.00	0.08	0.00	0.02	89.79
unclassified_Bacteroidetes_OTU#465	0.02	0.06	0.00	0.00	0.02	89.82
Barnesiella_OTU#748	0.00	0.06	0.03	0.00	0.02	89.85
Robinsoniella_OTU#648	0.00	0.06	0.03	0.00	0.02	89.87

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Paludibacter_OTU#139	0.00	0.04	0.00	0.04	0.02	89.90
unclassified_Porphyrimonadaceae_OTU#128	0.00	0.02	0.00	0.06	0.02	89.93
Paludibacter_OTU#156	0.00	0.04	0.00	0.04	0.02	89.95
Rikenella_OTU#276	0.00	0.06	0.00	0.02	0.02	89.98
Rikenella_OTU#709	0.00	0.06	0.03	0.00	0.02	90.00
Limibacter_OTU#358	0.05	0.00	0.03	0.02	0.02	90.03
Limibacter_OTU#754	0.02	0.02	0.05	0.00	0.02	90.05
Limibacter_OTU#306	0.05	0.02	0.00	0.02	0.02	90.07
Paludibacter_OTU#207	0.05	0.02	0.00	0.02	0.02	90.10
unclassified_Porphyrimonadaceae_OTU#1016	0.02	0.04	0.03	0.00	0.02	90.12
Barnesiella_OTU#720	0.00	0.04	0.03	0.02	0.02	90.15
Paludibacter_OTU#169	0.02	0.02	0.00	0.04	0.02	90.17
Paludibacter_OTU#796	0.02	0.04	0.00	0.02	0.02	90.19
Barnesiella_OTU#200	0.00	0.02	0.03	0.04	0.02	90.22
unclassified_Porphyrimonadaceae_OTU#414	0.02	0.04	0.00	0.02	0.02	90.24
Marvinbryantia_OTU#672	0.00	0.00	0.08	0.00	0.02	90.26
Paludibacter_OTU#96	0.07	0.00	0.00	0.00	0.02	90.28
Allobaculum_OTU#10	0.07	0.00	0.00	0.00	0.02	90.31
Heliobacillus_OTU#807	0.07	0.00	0.00	0.00	0.02	90.33
Heliobacillus_OTU#434	0.07	0.00	0.00	0.00	0.02	90.35
Barnesiella_OTU#60	0.07	0.00	0.00	0.00	0.02	90.37
unclassified_Porphyrimonadaceae_OTU#495	0.07	0.00	0.00	0.00	0.02	90.40
Anaerophaga_OTU#984	0.00	0.00	0.08	0.00	0.02	90.42
Oscillibacter_OTU#989	0.00	0.00	0.08	0.00	0.02	90.44
Lactonifactor_OTU#538	0.00	0.00	0.08	0.00	0.02	90.47
Lactonifactor_OTU#959	0.00	0.00	0.08	0.00	0.02	90.49
Butyricoccus_OTU#605	0.00	0.00	0.08	0.00	0.02	90.51
unclassified_Bacteroidales_OTU#191	0.02	0.02	0.03	0.02	0.02	90.53
Barnesiella_OTU#1181	0.00	0.00	0.08	0.00	0.02	90.56
Limibacter_OTU#697	0.00	0.00	0.08	0.00	0.02	90.58

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Anaerotruncus_OTU#919	0.00	0.00	0.08	0.00	0.02	90.60
Coprococcus_OTU#560	0.00	0.00	0.08	0.00	0.02	90.62
Robinsoniella_OTU#550	0.00	0.00	0.08	0.00	0.02	90.65
Parasporobacterium_OTU#660	0.00	0.00	0.08	0.00	0.02	90.67
Roseburia_OTU#529	0.00	0.00	0.08	0.00	0.02	90.69
Parabacteroides_OTU#916	0.00	0.00	0.08	0.00	0.02	90.72
Butyricoccus_OTU#936	0.00	0.00	0.08	0.00	0.02	90.74
Roseburia_OTU#595	0.00	0.00	0.08	0.00	0.02	90.76
Butyrivibrio_OTU#878	0.00	0.00	0.08	0.00	0.02	90.78
Allobaculum_OTU#449	0.07	0.00	0.00	0.00	0.02	90.81
Escherichia/Shigella_OTU#924	0.00	0.00	0.08	0.00	0.02	90.83
Robinsoniella_OTU#1088	0.07	0.00	0.00	0.00	0.02	90.85
Acetanaerobacterium_OTU#1069	0.07	0.00	0.00	0.00	0.02	90.87
Roseburia_OTU#408	0.02	0.00	0.05	0.00	0.02	90.90
Marvinbryantia_OTU#891	0.02	0.00	0.05	0.00	0.02	90.92
Paludibacter_OTU#743	0.00	0.06	0.00	0.00	0.02	90.94
Paludibacter_OTU#711	0.00	0.06	0.00	0.00	0.02	90.96
Paludibacter_OTU#340	0.00	0.00	0.00	0.06	0.02	90.98
Limibacter_OTU#242	0.00	0.06	0.00	0.00	0.02	91.00
Paludibacter_OTU#252	0.00	0.06	0.00	0.00	0.02	91.02
Paludibacter_OTU#262	0.00	0.06	0.00	0.00	0.02	91.04
Rikenella_OTU#163	0.00	0.00	0.00	0.06	0.02	91.06
Paludibacter_OTU#296	0.00	0.06	0.00	0.00	0.02	91.09
Tannerella_OTU#355	0.05	0.00	0.00	0.02	0.02	91.11
Sporobacter_OTU#1267	0.00	0.02	0.05	0.00	0.02	91.13
Burkholderia_OTU#939	0.00	0.00	0.05	0.02	0.02	91.15
Ilumatobacter_OTU#1247	0.00	0.00	0.00	0.06	0.02	91.17
Rikenella_OTU#1001	0.00	0.06	0.00	0.00	0.02	91.19
Paludibacter_OTU#1044	0.00	0.00	0.00	0.06	0.02	91.21
Paludibacter_OTU#317	0.02	0.00	0.00	0.04	0.02	91.23

Supplementary Table 6

Limibacter_OTU#717	0.02	0.04	0.00	0.00	0.02	91.25
Paludibacter_OTU#88	0.05	0.00	0.03	0.00	0.02	91.27
Xylanibacter_OTU#859	0.02	0.00	0.05	0.00	0.02	91.29
Barnesiella_OTU#451	0.02	0.00	0.00	0.04	0.02	91.31
Parasutterella_OTU#314	0.00	0.00	0.03	0.04	0.02	91.34
Paludibacter_OTU#1040	0.00	0.00	0.03	0.04	0.02	91.36
Paludibacter_OTU#114	0.05	0.02	0.00	0.00	0.02	91.38
Paludibacter_OTU#1205	0.00	0.02	0.05	0.00	0.02	91.40
Paludibacter_OTU#513	0.05	0.02	0.00	0.00	0.02	91.42
Marvinbryantia_OTU#1029	0.00	0.04	0.00	0.02	0.02	91.44
Eubacterium_OTU#564	0.00	0.04	0.03	0.00	0.01	91.46
Paludibacter_OTU#735	0.00	0.04	0.03	0.00	0.01	91.47
Anaerophaga_OTU#87	0.02	0.04	0.00	0.00	0.01	91.49
Anaerophaga_OTU#181	0.00	0.02	0.00	0.04	0.01	91.51
Barnesiella_OTU#479	0.02	0.02	0.03	0.00	0.01	91.53
Limibacter_OTU#64	0.02	0.02	0.00	0.02	0.01	91.55
Limibacter_OTU#215	0.02	0.02	0.00	0.02	0.01	91.57
unclassified_Bacteroidales_OTU#502	0.05	0.00	0.00	0.00	0.01	91.58
Paludibacter_OTU#500	0.05	0.00	0.00	0.00	0.01	91.60
Anaerophaga_OTU#655	0.00	0.00	0.05	0.00	0.01	91.61
Anaerotruncus_OTU#940	0.00	0.00	0.05	0.00	0.01	91.63
Parasporobacterium_OTU#565	0.00	0.00	0.05	0.00	0.01	91.64
Limibacter_OTU#459	0.05	0.00	0.00	0.00	0.01	91.66
Lachnobacterium_OTU#437	0.05	0.00	0.00	0.00	0.01	91.67
Allobaculum_OTU#103	0.05	0.00	0.00	0.00	0.01	91.69
Paludibacter_OTU#673	0.00	0.00	0.05	0.00	0.01	91.71
Allobaculum_OTU#389	0.05	0.00	0.00	0.00	0.01	91.72
Lachnobacterium_OTU#693	0.00	0.00	0.05	0.00	0.01	91.74
Anaerophaga_OTU#583	0.00	0.00	0.05	0.00	0.01	91.75
Allobaculum_OTU#770	0.05	0.00	0.00	0.00	0.01	91.77

Supplementary Table 6

Robinsoniella_OTU#1165	0.00	0.00	0.05	0.00	0.01	91.78
Marvinbryantia_OTU#592	0.00	0.00	0.05	0.00	0.01	91.80
Butyrivibrio_OTU#600	0.00	0.00	0.05	0.00	0.01	91.81
Paludibacter_OTU#1168	0.00	0.00	0.05	0.00	0.01	91.83
unclassified_Porphyrimonadaceae_OTU#95	0.05	0.00	0.00	0.00	0.01	91.84
Butyricococcus_OTU#642	0.00	0.00	0.05	0.00	0.01	91.86
Lactobacillus_OTU#613	0.00	0.00	0.05	0.00	0.01	91.87
unclassified_Bacteroidetes_OTU#388	0.05	0.00	0.00	0.00	0.01	91.89
unclassified_Bacteroidales_OTU#401	0.05	0.00	0.00	0.00	0.01	91.90
Paludibacter_OTU#801	0.05	0.00	0.00	0.00	0.01	91.92
Allobaculum_OTU#52	0.05	0.00	0.00	0.00	0.01	91.93
Allobaculum_OTU#13	0.05	0.00	0.00	0.00	0.01	91.95
Lactobacillus_OTU#621	0.00	0.00	0.05	0.00	0.01	91.96
Rikenella_OTU#631	0.00	0.00	0.05	0.00	0.01	91.98
Limibacter_OTU#111	0.05	0.00	0.00	0.00	0.01	91.99
unclassified_Bacteroidales_OTU#453	0.05	0.00	0.00	0.00	0.01	92.01
unclassified_Bacteria_OTU#463	0.05	0.00	0.00	0.00	0.01	92.02
Robinsoniella_OTU#467	0.05	0.00	0.00	0.00	0.01	92.04
Paludibacter_OTU#474	0.05	0.00	0.00	0.00	0.01	92.05
Robinsoniella_OTU#555	0.00	0.00	0.05	0.00	0.01	92.07
Barnesiella_OTU#532	0.00	0.00	0.05	0.00	0.01	92.08
Syntrophococcus_OTU#650	0.00	0.00	0.05	0.00	0.01	92.10
unclassified_Bacteroidetes_OTU#520	0.05	0.00	0.00	0.00	0.01	92.11
Robinsoniella_OTU#659	0.00	0.00	0.05	0.00	0.01	92.13
Allobaculum_OTU#480	0.05	0.00	0.00	0.00	0.01	92.14
Syntrophococcus_OTU#944	0.00	0.00	0.05	0.00	0.01	92.16
Paludibacter_OTU#450	0.05	0.00	0.00	0.00	0.01	92.17
Marvinbryantia_OTU#888	0.00	0.00	0.05	0.00	0.01	92.19
unclassified_Lachnospiraceae_OTU#869	0.00	0.00	0.05	0.00	0.01	92.20
Barnesiella_OTU#832	0.05	0.00	0.00	0.00	0.01	92.22

Supplementary Table 6

Robinsoniella_OTU#1287	0.00	0.00	0.05	0.00	0.01	92.23
Lachnobacterium_OTU#777	0.05	0.00	0.00	0.00	0.01	92.25
Paludibacter_OTU#1176	0.00	0.00	0.05	0.00	0.01	92.26
Butyrivibrio_OTU#688	0.00	0.00	0.05	0.00	0.01	92.28
Allobaculum_OTU#85	0.05	0.00	0.00	0.00	0.01	92.30
unclassified_Clostridiales_OTU#670	0.00	0.00	0.05	0.00	0.01	92.31
Allobaculum_OTU#6	0.05	0.00	0.00	0.00	0.01	92.33
Paludibacter_OTU#664	0.00	0.00	0.05	0.00	0.01	92.34
Lachnobacterium_OTU#617	0.00	0.00	0.05	0.00	0.01	92.36
Anaerophaga_OTU#395	0.05	0.00	0.00	0.00	0.01	92.37
Robinsoniella_OTU#615	0.00	0.00	0.05	0.00	0.01	92.39
Paludibacter_OTU#815	0.05	0.00	0.00	0.00	0.01	92.40
Limibacter_OTU#811	0.05	0.00	0.00	0.00	0.01	92.42
Hydrogenoanaerobacterium_OTU#573	0.00	0.00	0.05	0.00	0.01	92.43
unclassified_Bacteroidales_OTU#1259	0.00	0.00	0.05	0.00	0.01	92.45
Marvinbryantia_OTU#870	0.00	0.00	0.05	0.00	0.01	92.46
Paludibacter_OTU#1272	0.00	0.00	0.05	0.00	0.01	92.48
Anaerophaga_OTU#1270	0.00	0.00	0.05	0.00	0.01	92.49
Marvinbryantia_OTU#602	0.00	0.00	0.05	0.00	0.01	92.51
Helicobacter_OTU#37	0.05	0.00	0.00	0.00	0.01	92.52
Pseudoxanthomonas_OTU#892	0.00	0.00	0.05	0.00	0.01	92.54
Peptococcus_OTU#982	0.00	0.00	0.05	0.00	0.01	92.55
Dorea_OTU#1144	0.00	0.00	0.05	0.00	0.01	92.57
Allobaculum_OTU#1076	0.05	0.00	0.00	0.00	0.01	92.58
Lachnobacterium_OTU#1064	0.05	0.00	0.00	0.00	0.01	92.60
Smithella_OTU#1054	0.05	0.00	0.00	0.00	0.01	92.61
unclassified_TM7_OTU#525	0.00	0.00	0.05	0.00	0.01	92.63
Parasutterella_OTU#254	0.00	0.04	0.00	0.00	0.01	92.64
Tannerella_OTU#1008	0.00	0.04	0.00	0.00	0.01	92.66
Helicobacter_OTU#1005	0.00	0.04	0.00	0.00	0.01	92.67

Supplementary Table 6

Limibacter_OTU#137	0.00	0.00	0.00	0.04	0.01	92.68
Paludibacter_OTU#237	0.00	0.04	0.00	0.00	0.01	92.70
Paludibacter_OTU#7	0.02	0.00	0.03	0.00	0.01	92.71
Parasutterella_OTU#274	0.00	0.04	0.00	0.00	0.01	92.73
Limibacter_OTU#400	0.02	0.00	0.03	0.00	0.01	92.74
Paludibacter_OTU#797	0.02	0.00	0.03	0.00	0.01	92.75
Bacteroides_OTU#362	0.00	0.00	0.00	0.04	0.01	92.77
Paludibacter_OTU#738	0.00	0.04	0.00	0.00	0.01	92.78
Paludibacter_OTU#346	0.00	0.00	0.00	0.04	0.01	92.80
unclassified_Bacteroidales_OTU#690	0.02	0.00	0.03	0.00	0.01	92.81
Limibacter_OTU#293	0.00	0.04	0.00	0.00	0.01	92.82
Akkermansia_OTU#780	0.02	0.00	0.03	0.00	0.01	92.84
Paludibacter_OTU#204	0.00	0.00	0.00	0.04	0.01	92.85
Paludibacter_OTU#831	0.02	0.00	0.03	0.00	0.01	92.87
unclassified_Bacteroidales_OTU#863	0.02	0.00	0.03	0.00	0.01	92.88
Anaerotruncus_OTU#1126	0.02	0.00	0.03	0.00	0.01	92.89
unclassified_Bacteroidetes_OTU#150	0.00	0.00	0.00	0.04	0.01	92.91
Barnesiella_OTU#460	0.02	0.00	0.03	0.00	0.01	92.92
Paludibacter_OTU#147	0.00	0.00	0.00	0.04	0.01	92.94
Marvinbryantia_OTU#943	0.02	0.00	0.03	0.00	0.01	92.95
Enterorhabdus_OTU#288	0.00	0.04	0.00	0.00	0.01	92.97
Limibacter_OTU#249	0.00	0.04	0.00	0.00	0.01	92.98
Paludibacter_OTU#1019	0.00	0.04	0.00	0.00	0.01	92.99
Limibacter_OTU#267	0.00	0.04	0.00	0.00	0.01	93.01
Paludibacter_OTU#135	0.00	0.00	0.00	0.04	0.01	93.02
Enterococcus_OTU#1037	0.00	0.00	0.00	0.04	0.01	93.04
Paludibacter_OTU#1025	0.00	0.04	0.00	0.00	0.01	93.05
Paludibacter_OTU#999	0.00	0.04	0.00	0.00	0.01	93.06
Limibacter_OTU#192	0.00	0.00	0.00	0.04	0.01	93.08
Rikenella_OTU#740	0.00	0.04	0.00	0.00	0.01	93.09

Supplementary Table 6

Anaerophaga_OTU#369	0.00	0.00	0.00	0.04	0.01	93.11
unclassified_Porphyrromonadaceae_OTU#350	0.00	0.00	0.00	0.04	0.01	93.12
Allobaculum_OTU#1242	0.00	0.00	0.00	0.04	0.01	93.13
Tumebacillus_OTU#1248	0.00	0.00	0.00	0.04	0.01	93.15
unclassified_Bacteroidetes_OTU#309	0.00	0.04	0.00	0.00	0.01	93.16
Paludibacter_OTU#1232	0.00	0.04	0.00	0.00	0.01	93.18
Barnesiella_OTU#259	0.00	0.04	0.00	0.00	0.01	93.19
unclassified_Bacteroidales_OTU#1107	0.02	0.02	0.00	0.00	0.01	93.20
Mesorhizobium_OTU#921	0.00	0.00	0.03	0.02	0.01	93.22
Helicobacter_OTU#865	0.02	0.02	0.00	0.00	0.01	93.23
unclassified_Porphyrromonadaceae_OTU#418	0.02	0.02	0.00	0.00	0.01	93.24
Tannerella_OTU#194	0.02	0.00	0.00	0.02	0.01	93.26
Barnesiella_OTU#190	0.00	0.00	0.03	0.02	0.01	93.27
Enterorhabdus_OTU#750	0.00	0.02	0.03	0.00	0.01	93.28
unclassified_Bacteroidetes_OTU#749	0.00	0.02	0.03	0.00	0.01	93.30
Barnesiella_OTU#287	0.02	0.02	0.00	0.00	0.01	93.31
Limibacter_OTU#357	0.00	0.00	0.03	0.02	0.01	93.33
Paludibacter_OTU#712	0.02	0.02	0.00	0.00	0.01	93.34
Paludibacter_OTU#1210	0.00	0.02	0.03	0.00	0.01	93.35
Dorea_OTU#375	0.00	0.00	0.03	0.02	0.01	93.37
Achromobacter_OTU#696	0.00	0.00	0.03	0.02	0.01	93.38
Limibacter_OTU#174	0.02	0.00	0.00	0.02	0.01	93.39
Limibacter_OTU#342	0.00	0.00	0.03	0.02	0.01	93.41
Anaerophaga_OTU#774	0.02	0.02	0.00	0.00	0.01	93.42
Anaerophaga_OTU#337	0.00	0.00	0.03	0.02	0.01	93.43
Barnesiella_OTU#336	0.00	0.00	0.03	0.02	0.01	93.45
Rikenella_OTU#821	0.02	0.02	0.00	0.00	0.01	93.46
Paludibacter_OTU#423	0.02	0.00	0.00	0.02	0.01	93.47
Anaerophaga_OTU#318	0.00	0.00	0.03	0.02	0.01	93.49
Helicobacter_OTU#852	0.02	0.02	0.00	0.00	0.01	93.50

Supplementary Table 6

Paludibacter_OTU#79	0.02	0.00	0.00	0.02	0.01	93.51
unclassified_Bacteroidales_OTU#430	0.02	0.02	0.00	0.00	0.01	93.53
unclassified_Bacteroidales_OTU#312	0.00	0.02	0.03	0.00	0.01	93.54
unclassified_Bacteroidales_OTU#217	0.00	0.00	0.03	0.02	0.01	93.55
Paludibacter_OTU#159	0.00	0.00	0.03	0.02	0.01	93.57
Limibacter_OTU#1229	0.00	0.02	0.03	0.00	0.01	93.58
Blautia_OTU#951	0.00	0.02	0.03	0.00	0.01	93.60
Pseudozobellia_OTU#320	0.02	0.00	0.00	0.02	0.01	93.61
Stenotrophomonas_OTU#977	0.00	0.00	0.03	0.02	0.01	93.62
Rikenella_OTU#280	0.02	0.02	0.00	0.00	0.01	93.64
Paludibacter_OTU#265	0.02	0.02	0.00	0.00	0.01	93.65
Limibacter_OTU#482	0.02	0.02	0.00	0.00	0.01	93.66
Helicobacter_OTU#81	0.02	0.02	0.00	0.00	0.01	93.68
Barnesiella_OTU#377	0.00	0.02	0.00	0.02	0.01	93.69
Limibacter_OTU#376	0.00	0.02	0.00	0.02	0.01	93.70
Paludibacter_OTU#186	0.00	0.02	0.00	0.02	0.01	93.72
Rikenella_OTU#734	0.00	0.02	0.00	0.02	0.01	93.73
Barnesiella_OTU#366	0.00	0.02	0.00	0.02	0.01	93.74
Paludibacter_OTU#344	0.00	0.02	0.00	0.02	0.01	93.75
Paludibacter_OTU#338	0.00	0.02	0.00	0.02	0.01	93.77
Paludibacter_OTU#321	0.00	0.02	0.00	0.02	0.01	93.78
Tannerella_OTU#292	0.00	0.02	0.00	0.02	0.01	93.79
Rikenella_OTU#1042	0.00	0.02	0.00	0.02	0.01	93.81
Limibacter_OTU#164	0.00	0.02	0.00	0.02	0.01	93.82
Paludibacter_OTU#326	0.00	0.02	0.00	0.02	0.01	93.83
Marvinbryantia_OTU#510	0.02	0.00	0.00	0.00	0.01	93.84
Limibacter_OTU#509	0.02	0.00	0.00	0.00	0.01	93.85
Allobaculum_OTU#508	0.02	0.00	0.00	0.00	0.01	93.85
Sharpea_OTU#1109	0.02	0.00	0.00	0.00	0.01	93.86
Pseudozobellia_OTU#505	0.02	0.00	0.00	0.00	0.01	93.87

Supplementary Table 6

Barnesiella_OTU#63	0.02	0.00	0.00	0.00	0.01	93.88
Allobaculum_OTU#504	0.02	0.00	0.00	0.00	0.01	93.88
Limibacter_OTU#1099	0.02	0.00	0.00	0.00	0.01	93.89
Paludibacter_OTU#1119	0.02	0.00	0.00	0.00	0.01	93.90
Aquiflexum_OTU#1118	0.02	0.00	0.00	0.00	0.01	93.91
Limibacter_OTU#1111	0.02	0.00	0.00	0.00	0.01	93.92
Paludibacter_OTU#507	0.02	0.00	0.00	0.00	0.01	93.92
Paludibacter_OTU#1115	0.02	0.00	0.00	0.00	0.01	93.93
Marvinbryantia_OTU#996	0.00	0.00	0.03	0.00	0.01	93.94
Paludibacter_OTU#498	0.02	0.00	0.00	0.00	0.01	93.95
Lachnobacterium_OTU#1102	0.02	0.00	0.00	0.00	0.01	93.95
Paludibacter_OTU#497	0.02	0.00	0.00	0.00	0.01	93.96
Marvinbryantia_OTU#992	0.00	0.00	0.03	0.00	0.01	93.97
Paludibacter_OTU#496	0.02	0.00	0.00	0.00	0.01	93.98
Parasutterella_OTU#31	0.02	0.00	0.00	0.00	0.01	93.98
Limibacter_OTU#1114	0.02	0.00	0.00	0.00	0.01	93.99
Marvinbryantia_OTU#1098	0.02	0.00	0.00	0.00	0.01	94.00
Howardella_OTU#990	0.00	0.00	0.03	0.00	0.01	94.01
Marvinbryantia_OTU#988	0.00	0.00	0.03	0.00	0.01	94.01
Butyricoccus_OTU#986	0.00	0.00	0.03	0.00	0.01	94.02
Parasutterella_OTU#493	0.02	0.00	0.00	0.00	0.01	94.03
Marvinbryantia_OTU#985	0.00	0.00	0.03	0.00	0.01	94.04
Howardella_OTU#983	0.00	0.00	0.03	0.00	0.01	94.04
Butyricoccus_OTU#980	0.00	0.00	0.03	0.00	0.01	94.05
Hallella_OTU#490	0.02	0.00	0.00	0.00	0.01	94.06
Parasutterella_OTU#489	0.02	0.00	0.00	0.00	0.01	94.07
Butyricoccus_OTU#976	0.00	0.00	0.03	0.00	0.01	94.07
Limibacter_OTU#488	0.02	0.00	0.00	0.00	0.01	94.08
Paludibacter_OTU#61	0.02	0.00	0.00	0.00	0.01	94.09
Paludibacter_OTU#1122	0.02	0.00	0.00	0.00	0.01	94.10

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Pseudozobellia_OTU#487	0.02	0.00	0.00	0.00	0.01	94.10
Dorea_OTU#972	0.00	0.00	0.03	0.00	0.01	94.11
Kordia_OTU#486	0.02	0.00	0.00	0.00	0.01	94.12
Robinsoniella_OTU#970	0.00	0.00	0.03	0.00	0.01	94.13
Dorea_OTU#969	0.00	0.00	0.03	0.00	0.01	94.13
Desulfobotulus_OTU#968	0.00	0.00	0.03	0.00	0.01	94.14
Tannerella_OTU#484	0.02	0.00	0.00	0.00	0.01	94.15
Limibacter_OTU#483	0.02	0.00	0.00	0.00	0.01	94.16
Marvinbryantia_OTU#965	0.00	0.00	0.03	0.00	0.01	94.16
Allobaculum_OTU#30	0.02	0.00	0.00	0.00	0.01	94.17
Parasporobacterium_OTU#963	0.00	0.00	0.03	0.00	0.01	94.18
Rikenella_OTU#962	0.00	0.00	0.03	0.00	0.01	94.19
Anaerophaga_OTU#961	0.00	0.00	0.03	0.00	0.01	94.20
Coprococcus_OTU#960	0.00	0.00	0.03	0.00	0.01	94.20
Marvinbryantia_OTU#1123	0.02	0.00	0.00	0.00	0.01	94.21
Allobaculum_OTU#958	0.00	0.00	0.03	0.00	0.01	94.22
Acetitomaculum_OTU#956	0.00	0.00	0.03	0.00	0.01	94.23
Rikenella_OTU#478	0.02	0.00	0.00	0.00	0.01	94.23
Pseudozobellia_OTU#477	0.02	0.00	0.00	0.00	0.01	94.24
Roseburia_OTU#952	0.00	0.00	0.03	0.00	0.01	94.25
Allobaculum_OTU#476	0.02	0.00	0.00	0.00	0.01	94.26
Helicobacter_OTU#59	0.02	0.00	0.00	0.00	0.01	94.26
Allobaculum_OTU#475	0.02	0.00	0.00	0.00	0.01	94.27
Robinsoniella_OTU#949	0.00	0.00	0.03	0.00	0.01	94.28
Paludibacter_OTU#947	0.00	0.00	0.03	0.00	0.01	94.29
Paludibacter_OTU#473	0.02	0.00	0.00	0.00	0.01	94.29
Tannerella_OTU#472	0.02	0.00	0.00	0.00	0.01	94.30
Lawsonia_OTU#942	0.00	0.00	0.03	0.00	0.01	94.31
Atopobacter_OTU#470	0.02	0.00	0.00	0.00	0.01	94.32
Paludibacter_OTU#469	0.02	0.00	0.00	0.00	0.01	94.32

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Catonella_OTU#937	0.00	0.00	0.03	0.00	0.01	94.33
Paludibacter_OTU#468	0.02	0.00	0.00	0.00	0.01	94.34
Lachnobacterium_OTU#934	0.00	0.00	0.03	0.00	0.01	94.35
Butyrivibrio_OTU#932	0.00	0.00	0.03	0.00	0.01	94.35
Limibacter_OTU#466	0.02	0.00	0.00	0.00	0.01	94.36
Butyrivibrio_OTU#931	0.00	0.00	0.03	0.00	0.01	94.37
Robinsoniella_OTU#929	0.00	0.00	0.03	0.00	0.01	94.38
Blautia_OTU#928	0.00	0.00	0.03	0.00	0.01	94.38
Anaerophaga_OTU#464	0.02	0.00	0.00	0.00	0.01	94.39
Parasporobacterium_OTU#1127	0.02	0.00	0.00	0.00	0.01	94.40
Parasporobacterium_OTU#926	0.00	0.00	0.03	0.00	0.01	94.41
Lachnobacterium_OTU#925	0.00	0.00	0.03	0.00	0.01	94.41
Oscillibacter_OTU#462	0.02	0.00	0.00	0.00	0.01	94.42
Barnesiella_OTU#923	0.00	0.00	0.03	0.00	0.01	94.43
Blautia_OTU#922	0.00	0.00	0.03	0.00	0.01	94.44
Barnesiella_OTU#920	0.00	0.00	0.03	0.00	0.01	94.44
Robinsoniella_OTU#917	0.00	0.00	0.03	0.00	0.01	94.45
Paludibacter_OTU#457	0.02	0.00	0.00	0.00	0.01	94.46
Chlorophyta_OTU#913	0.00	0.00	0.03	0.00	0.01	94.47
Anaerophaga_OTU#456	0.02	0.00	0.00	0.00	0.01	94.47
Butyricoccus_OTU#28	0.02	0.00	0.00	0.00	0.01	94.48
Paludibacter_OTU#455	0.02	0.00	0.00	0.00	0.01	94.49
Dorea_OTU#908	0.00	0.00	0.03	0.00	0.01	94.50
Barnesiella_OTU#454	0.02	0.00	0.00	0.00	0.01	94.51
Ruminococcus_OTU#906	0.00	0.00	0.03	0.00	0.01	94.51
Eggerthella_OTU#904	0.00	0.00	0.03	0.00	0.01	94.52
Paludibacter_OTU#452	0.02	0.00	0.00	0.00	0.01	94.53
Paludibacter_OTU#113	0.02	0.00	0.00	0.00	0.01	94.54
Robinsoniella_OTU#902	0.00	0.00	0.03	0.00	0.01	94.54
Paludibacter_OTU#901	0.00	0.00	0.03	0.00	0.01	94.55

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Robinsoniella_OTU#899	0.00	0.00	0.03	0.00	0.01	94.56
Robinsoniella_OTU#898	0.00	0.00	0.03	0.00	0.01	94.57
Paludibacter_OTU#897	0.00	0.00	0.03	0.00	0.01	94.57
Marvinbryantia_OTU#896	0.00	0.00	0.03	0.00	0.01	94.58
Aquiflexum_OTU#448	0.02	0.00	0.00	0.00	0.01	94.59
Barnesiella_OTU#1131	0.00	0.00	0.03	0.00	0.01	94.60
Paludibacter_OTU#447	0.02	0.00	0.00	0.00	0.01	94.60
Tannerella_OTU#446	0.02	0.00	0.00	0.00	0.01	94.61
Marinifilum_OTU#55	0.02	0.00	0.00	0.00	0.01	94.62
Limibacter_OTU#445	0.02	0.00	0.00	0.00	0.01	94.63
Roseburia_OTU#889	0.00	0.00	0.03	0.00	0.01	94.63
Parasutterella_OTU#444	0.02	0.00	0.00	0.00	0.01	94.64
Dorea_OTU#886	0.00	0.00	0.03	0.00	0.01	94.65
Peptococcus_OTU#885	0.00	0.00	0.03	0.00	0.01	94.66
Paludibacter_OTU#442	0.02	0.00	0.00	0.00	0.01	94.66
Paludibacter_OTU#441	0.02	0.00	0.00	0.00	0.01	94.67
Howardella_OTU#881	0.00	0.00	0.03	0.00	0.01	94.68
Marvinbryantia_OTU#880	0.00	0.00	0.03	0.00	0.01	94.69
Allobaculum_OTU#440	0.02	0.00	0.00	0.00	0.01	94.69
Coproccoccus_OTU#1135	0.00	0.00	0.03	0.00	0.01	94.70
Paludibacter_OTU#439	0.02	0.00	0.00	0.00	0.01	94.71
Dorea_OTU#876	0.00	0.00	0.03	0.00	0.01	94.72
Bulleidia_OTU#109	0.02	0.00	0.00	0.00	0.01	94.72
Oscillibacter_OTU#873	0.00	0.00	0.03	0.00	0.01	94.73
Barnesiella_OTU#436	0.02	0.00	0.00	0.00	0.01	94.74
Allobaculum_OTU#27	0.02	0.00	0.00	0.00	0.01	94.75
Sporobacterium_OTU#871	0.00	0.00	0.03	0.00	0.01	94.75
Tannerella_OTU#435	0.02	0.00	0.00	0.00	0.01	94.76
Limibacter_OTU#866	0.02	0.00	0.00	0.00	0.01	94.77
Pseudozobellia_OTU#864	0.02	0.00	0.00	0.00	0.01	94.78

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Paludibacter_OTU#432	0.02	0.00	0.00	0.00	0.01	94.79
Robinsoniella_OTU#1137	0.00	0.00	0.03	0.00	0.01	94.79
Limibacter_OTU#1134	0.00	0.00	0.03	0.00	0.01	94.80
Anaerophaga_OTU#431	0.02	0.00	0.00	0.00	0.01	94.81
Hydrogenoanaerobacterium_OTU#861	0.02	0.00	0.00	0.00	0.01	94.82
Anaerophaga_OTU#860	0.02	0.00	0.00	0.00	0.01	94.82
Limibacter_OTU#858	0.02	0.00	0.00	0.00	0.01	94.83
Allobaculum_OTU#857	0.02	0.00	0.00	0.00	0.01	94.84
Papillibacter_OTU#856	0.02	0.00	0.00	0.00	0.01	94.85
Paludibacter_OTU#428	0.02	0.00	0.00	0.00	0.01	94.85
Anaerophaga_OTU#427	0.02	0.00	0.00	0.00	0.01	94.86
Barnesiella_OTU#853	0.02	0.00	0.00	0.00	0.01	94.87
Lactobacillus_OTU#426	0.02	0.00	0.00	0.00	0.01	94.88
Paludibacter_OTU#850	0.02	0.00	0.00	0.00	0.01	94.88
Paludibacter_OTU#425	0.02	0.00	0.00	0.00	0.01	94.89
Paludibacter_OTU#849	0.02	0.00	0.00	0.00	0.01	94.90
Paludibacter_OTU#848	0.02	0.00	0.00	0.00	0.01	94.91
Anaerophaga_OTU#846	0.02	0.00	0.00	0.00	0.01	94.91
Paludibacter_OTU#844	0.02	0.00	0.00	0.00	0.01	94.92
Allobaculum_OTU#422	0.02	0.00	0.00	0.00	0.01	94.93
Paludibacter_OTU#842	0.02	0.00	0.00	0.00	0.01	94.94
Nubsella_OTU#841	0.02	0.00	0.00	0.00	0.01	94.94
Aquiflexum_OTU#840	0.02	0.00	0.00	0.00	0.01	94.95
Paludibacter_OTU#420	0.02	0.00	0.00	0.00	0.01	94.96
Paludibacter_OTU#838	0.02	0.00	0.00	0.00	0.01	94.97
Allobaculum_OTU#837	0.02	0.00	0.00	0.00	0.01	94.97
Anaerophaga_OTU#835	0.02	0.00	0.00	0.00	0.01	94.98
Limibacter_OTU#834	0.02	0.00	0.00	0.00	0.01	94.99
Anaerophaga_OTU#417	0.02	0.00	0.00	0.00	0.01	95.00
Limibacter_OTU#833	0.02	0.00	0.00	0.00	0.01	95.00

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Oscillibacter_OTU#1138	0.00	0.00	0.03	0.00	0.01	95.01
Paludibacter_OTU#415	0.02	0.00	0.00	0.00	0.01	95.02
Tannerella_OTU#829	0.02	0.00	0.00	0.00	0.01	95.03
Anaerophaga_OTU#828	0.02	0.00	0.00	0.00	0.01	95.03
Allobaculum_OTU#413	0.02	0.00	0.00	0.00	0.01	95.04
Lachnobacterium_OTU#825	0.02	0.00	0.00	0.00	0.01	95.05
Barnesiella_OTU#412	0.02	0.00	0.00	0.00	0.01	95.06
Barnesiella_OTU#411	0.02	0.00	0.00	0.00	0.01	95.07
Anaerophaga_OTU#820	0.02	0.00	0.00	0.00	0.01	95.07
Barnesiella_OTU#410	0.02	0.00	0.00	0.00	0.01	95.08
Lachnobacterium_OTU#818	0.02	0.00	0.00	0.00	0.01	95.09
Barnesiella_OTU#817	0.02	0.00	0.00	0.00	0.01	95.10
Paludibacter_OTU#816	0.02	0.00	0.00	0.00	0.01	95.10
Allobaculum_OTU#51	0.02	0.00	0.00	0.00	0.01	95.11
Limibacter_OTU#1141	0.00	0.00	0.03	0.00	0.01	95.12
Limibacter_OTU#407	0.02	0.00	0.00	0.00	0.01	95.13
Allobaculum_OTU#406	0.02	0.00	0.00	0.00	0.01	95.13
Barnesiella_OTU#101	0.02	0.00	0.00	0.00	0.01	95.14
Limibacter_OTU#405	0.02	0.00	0.00	0.00	0.01	95.15
Barnesiella_OTU#808	0.02	0.00	0.00	0.00	0.01	95.16
Limibacter_OTU#404	0.02	0.00	0.00	0.00	0.01	95.16
Allobaculum_OTU#25	0.02	0.00	0.00	0.00	0.01	95.17
Paludibacter_OTU#403	0.02	0.00	0.00	0.00	0.01	95.18
Barnesiella_OTU#804	0.02	0.00	0.00	0.00	0.01	95.19
Rikenella_OTU#402	0.02	0.00	0.00	0.00	0.01	95.19
Anaerophaga_OTU#803	0.02	0.00	0.00	0.00	0.01	95.20
Paludibacter_OTU#802	0.02	0.00	0.00	0.00	0.01	95.21
Lachnobacterium_OTU#800	0.02	0.00	0.00	0.00	0.01	95.22
Limibacter_OTU#50	0.02	0.00	0.00	0.00	0.01	95.22
Anaerophaga_OTU#1143	0.00	0.00	0.03	0.00	0.01	95.23

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Barnesiella_OTU#798	0.02	0.00	0.00	0.00	0.01	95.24
Eremococcus_OTU#398	0.02	0.00	0.00	0.00	0.01	95.25
Ruminococcus_OTU#397	0.02	0.00	0.00	0.00	0.01	95.25
Limibacter_OTU#793	0.02	0.00	0.00	0.00	0.01	95.26
Paludibacter_OTU#792	0.02	0.00	0.00	0.00	0.01	95.27
Anaerophaga_OTU#790	0.02	0.00	0.00	0.00	0.01	95.28
Anaerophaga_OTU#788	0.02	0.00	0.00	0.00	0.01	95.28
Limibacter_OTU#394	0.02	0.00	0.00	0.00	0.01	95.29
Paludibacter_OTU#393	0.02	0.00	0.00	0.00	0.01	95.30
Limibacter_OTU#785	0.02	0.00	0.00	0.00	0.01	95.31
Paludibacter_OTU#784	0.02	0.00	0.00	0.00	0.01	95.31
Parasutterella_OTU#392	0.02	0.00	0.00	0.00	0.01	95.32
Allobaculum_OTU#391	0.02	0.00	0.00	0.00	0.01	95.33
Limibacter_OTU#781	0.02	0.00	0.00	0.00	0.01	95.34
Paludibacter_OTU#390	0.02	0.00	0.00	0.00	0.01	95.34
Coprococcus_OTU#779	0.02	0.00	0.00	0.00	0.01	95.35
Helicobacter_OTU#778	0.02	0.00	0.00	0.00	0.01	95.36
Anaerophaga_OTU#387	0.02	0.00	0.00	0.00	0.01	95.37
Paludibacter_OTU#773	0.02	0.00	0.00	0.00	0.01	95.38
Paludibacter_OTU#772	0.02	0.00	0.00	0.00	0.01	95.38
Allobaculum_OTU#771	0.02	0.00	0.00	0.00	0.01	95.39
Ethanoligenens_OTU#385	0.02	0.00	0.00	0.00	0.01	95.40
Allobaculum_OTU#384	0.02	0.00	0.00	0.00	0.01	95.41
Helicobacter_OTU#48	0.02	0.00	0.00	0.00	0.01	95.41
Roseburia_OTU#1139	0.00	0.00	0.03	0.00	0.01	95.42
Parasporobacterium_OTU#1095	0.02	0.00	0.00	0.00	0.01	95.43
Allobaculum_OTU#383	0.02	0.00	0.00	0.00	0.01	95.44
Streptococcus_OTU#1151	0.00	0.00	0.03	0.00	0.01	95.44
Marvinbryantia_OTU#1159	0.00	0.00	0.03	0.00	0.01	95.45
Barnesiella_OTU#1157	0.00	0.00	0.03	0.00	0.01	95.46

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Anaerophaga_OTU#1150	0.00	0.00	0.03	0.00	0.01	95.47
Dorea_OTU#1163	0.00	0.00	0.03	0.00	0.01	95.47
Barnesiella_OTU#1164	0.00	0.00	0.03	0.00	0.01	95.48
Shuttleworthia_OTU#1149	0.00	0.00	0.03	0.00	0.01	95.49
Anaerophaga_OTU#1171	0.00	0.00	0.03	0.00	0.01	95.50
Limibacter_OTU#1174	0.00	0.00	0.03	0.00	0.01	95.50
Limibacter_OTU#1175	0.00	0.00	0.03	0.00	0.01	95.51
Limibacter_OTU#93	0.02	0.00	0.00	0.00	0.01	95.52
Paludibacter_OTU#1179	0.00	0.00	0.03	0.00	0.01	95.53
Bulleidia_OTU#46	0.02	0.00	0.00	0.00	0.01	95.53
Paludibacter_OTU#23	0.02	0.00	0.00	0.00	0.01	95.54
Robinsoniella_OTU#1167	0.00	0.00	0.03	0.00	0.01	95.55
Barnesiella_OTU#1187	0.00	0.00	0.03	0.00	0.01	95.56
Allobaculum_OTU#91	0.02	0.00	0.00	0.00	0.01	95.56
Parabacteroides_OTU#1189	0.00	0.00	0.03	0.00	0.01	95.57
Paludibacter_OTU#1183	0.00	0.00	0.03	0.00	0.01	95.58
Barnesiella_OTU#1194	0.00	0.00	0.03	0.00	0.01	95.59
Anaerophaga_OTU#1195	0.00	0.00	0.03	0.00	0.01	95.59
Paludibacter_OTU#1191	0.00	0.00	0.03	0.00	0.01	95.60
Barnesiella_OTU#1198	0.00	0.00	0.03	0.00	0.01	95.61
Limibacter_OTU#45	0.02	0.00	0.00	0.00	0.01	95.62
Parasutterella_OTU#1197	0.00	0.00	0.03	0.00	0.01	95.62
Parasutterella_OTU#90	0.02	0.00	0.00	0.00	0.01	95.63
Anaerotruncus_OTU#1182	0.00	0.00	0.03	0.00	0.01	95.64
Paludibacter_OTU#1203	0.00	0.00	0.03	0.00	0.01	95.65
Anaerophaga_OTU#1202	0.00	0.00	0.03	0.00	0.01	95.66
Limibacter_OTU#89	0.02	0.00	0.00	0.00	0.01	95.66
Rikenella_OTU#1207	0.00	0.00	0.03	0.00	0.01	95.67
Robinsoniella_OTU#1206	0.00	0.00	0.03	0.00	0.01	95.68
Barnesiella_OTU#1209	0.00	0.00	0.03	0.00	0.01	95.69

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Limibacter_OTU#44	0.02	0.00	0.00	0.00	0.01	95.69
Lactobacillus_OTU#1199	0.00	0.00	0.03	0.00	0.01	95.70
Dorea_OTU#701	0.00	0.00	0.03	0.00	0.01	95.71
Anaerotruncus_OTU#700	0.00	0.00	0.03	0.00	0.01	95.72
Roseburia_OTU#1215	0.00	0.00	0.03	0.00	0.01	95.72
Acetitomaculum_OTU#699	0.00	0.00	0.03	0.00	0.01	95.73
Butyricoccus_OTU#698	0.00	0.00	0.03	0.00	0.01	95.74
Limibacter_OTU#1214	0.00	0.00	0.03	0.00	0.01	95.75
Anaerotruncus_OTU#695	0.00	0.00	0.03	0.00	0.01	95.75
Paludibacter_OTU#694	0.00	0.00	0.03	0.00	0.01	95.76
Acinetobacter_OTU#1219	0.00	0.00	0.03	0.00	0.01	95.77
Caminicella_OTU#692	0.00	0.00	0.03	0.00	0.01	95.78
Lachnobacterium_OTU#691	0.00	0.00	0.03	0.00	0.01	95.78
Limibacter_OTU#86	0.02	0.00	0.00	0.00	0.01	95.79
Paludibacter_OTU#689	0.00	0.00	0.03	0.00	0.01	95.80
Barnesiella_OTU#1213	0.00	0.00	0.03	0.00	0.01	95.81
Robinsoniella_OTU#687	0.00	0.00	0.03	0.00	0.01	95.81
Marvinbryantia_OTU#686	0.00	0.00	0.03	0.00	0.01	95.82
Paludibacter_OTU#21	0.02	0.00	0.00	0.00	0.01	95.83
Paludibacter_OTU#684	0.00	0.00	0.03	0.00	0.01	95.84
Robinsoniella_OTU#683	0.00	0.00	0.03	0.00	0.01	95.84
Paludibacter_OTU#682	0.00	0.00	0.03	0.00	0.01	95.85
Butyrivibrio_OTU#681	0.00	0.00	0.03	0.00	0.01	95.86
Butyricoccus_OTU#610	0.00	0.00	0.03	0.00	0.01	95.87
Paludibacter_OTU#679	0.00	0.00	0.03	0.00	0.01	95.87
Coprococcus_OTU#678	0.00	0.00	0.03	0.00	0.01	95.88
Coprococcus_OTU#677	0.00	0.00	0.03	0.00	0.01	95.89
Acetitomaculum_OTU#676	0.00	0.00	0.03	0.00	0.01	95.90
Limibacter_OTU#674	0.00	0.00	0.03	0.00	0.01	95.90
Barnesiella_OTU#84	0.02	0.00	0.00	0.00	0.01	95.91

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Allobaculum_OTU#42	0.02	0.00	0.00	0.00	0.01	95.92
Syntrophothermus_OTU#671	0.00	0.00	0.03	0.00	0.01	95.93
Syntrophothermus_OTU#669	0.00	0.00	0.03	0.00	0.01	95.93
Syntrophothermus_OTU#668	0.00	0.00	0.03	0.00	0.01	95.94
Barnesiella_OTU#775	0.02	0.00	0.00	0.00	0.01	95.95
Anaerophaga_OTU#667	0.00	0.00	0.03	0.00	0.01	95.96
Coprococcus_OTU#666	0.00	0.00	0.03	0.00	0.01	95.97
Marvinbryantia_OTU#665	0.00	0.00	0.03	0.00	0.01	95.97
Anaerophaga_OTU#1320	0.00	0.00	0.03	0.00	0.01	95.98
Limibacter_OTU#1318	0.00	0.00	0.03	0.00	0.01	95.99
Robinsoniella_OTU#1316	0.00	0.00	0.03	0.00	0.01	96.00
Paludibacter_OTU#782	0.02	0.00	0.00	0.00	0.01	96.00
Allobaculum_OTU#783	0.02	0.00	0.00	0.00	0.01	96.01
Robinsoniella_OTU#658	0.00	0.00	0.03	0.00	0.01	96.02
Barnesiella_OTU#657	0.00	0.00	0.03	0.00	0.01	96.03
Paludibacter_OTU#786	0.02	0.00	0.00	0.00	0.01	96.03
Allobaculum_OTU#787	0.02	0.00	0.00	0.00	0.01	96.04
Paludibacter_OTU#1313	0.00	0.00	0.03	0.00	0.01	96.05
Limibacter_OTU#789	0.02	0.00	0.00	0.00	0.01	96.06
Acetitomaculum_OTU#1312	0.00	0.00	0.03	0.00	0.01	96.06
Acetitomaculum_OTU#656	0.00	0.00	0.03	0.00	0.01	96.07
Oscillibacter_OTU#1310	0.00	0.00	0.03	0.00	0.01	96.08
Roseburia_OTU#1308	0.00	0.00	0.03	0.00	0.01	96.09
Parabacteroides_OTU#794	0.02	0.00	0.00	0.00	0.01	96.09
Paludibacter_OTU#795	0.02	0.00	0.00	0.00	0.01	96.10
Limibacter_OTU#654	0.00	0.00	0.03	0.00	0.01	96.11
Paludibacter_OTU#653	0.00	0.00	0.03	0.00	0.01	96.12
Robinsoniella_OTU#1304	0.00	0.00	0.03	0.00	0.01	96.12
Paludibacter_OTU#799	0.02	0.00	0.00	0.00	0.01	96.13
Dorea_OTU#652	0.00	0.00	0.03	0.00	0.01	96.14

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Robinsoniella_OTU#1302	0.00	0.00	0.03	0.00	0.01	96.15
Limibacter_OTU#1301	0.00	0.00	0.03	0.00	0.01	96.15
Paludibacter_OTU#1300	0.00	0.00	0.03	0.00	0.01	96.16
Oscillibacter_OTU#649	0.00	0.00	0.03	0.00	0.01	96.17
Paludibacter_OTU#805	0.02	0.00	0.00	0.00	0.01	96.18
Rikenella_OTU#806	0.02	0.00	0.00	0.00	0.01	96.18
Acetitomaculum_OTU#1297	0.00	0.00	0.03	0.00	0.01	96.19
Paludibacter_OTU#1296	0.00	0.00	0.03	0.00	0.01	96.20
Paludibacter_OTU#809	0.02	0.00	0.00	0.00	0.01	96.21
Dorea_OTU#810	0.02	0.00	0.00	0.00	0.01	96.21
Marvinbryantia_OTU#647	0.00	0.00	0.03	0.00	0.01	96.22
Coprococcus_OTU#646	0.00	0.00	0.03	0.00	0.01	96.23
Allobaculum_OTU#40	0.02	0.00	0.00	0.00	0.01	96.24
Heliobacillus_OTU#814	0.02	0.00	0.00	0.00	0.01	96.25
Dorea_OTU#645	0.00	0.00	0.03	0.00	0.01	96.25
Paludibacter_OTU#1289	0.00	0.00	0.03	0.00	0.01	96.26
Paludibacter_OTU#1288	0.00	0.00	0.03	0.00	0.01	96.27
Anaerophaga_OTU#20	0.02	0.00	0.00	0.00	0.01	96.28
Paludibacter_OTU#819	0.02	0.00	0.00	0.00	0.01	96.28
Oscillibacter_OTU#1286	0.00	0.00	0.03	0.00	0.01	96.29
Coprococcus_OTU#1285	0.00	0.00	0.03	0.00	0.01	96.30
Helicobacter_OTU#822	0.02	0.00	0.00	0.00	0.01	96.31
Paludibacter_OTU#823	0.02	0.00	0.00	0.00	0.01	96.31
Dorea_OTU#1284	0.00	0.00	0.03	0.00	0.01	96.32
Oscillibacter_OTU#641	0.00	0.00	0.03	0.00	0.01	96.33
Limibacter_OTU#826	0.02	0.00	0.00	0.00	0.01	96.34
Limibacter_OTU#827	0.02	0.00	0.00	0.00	0.01	96.34
Paludibacter_OTU#1281	0.00	0.00	0.03	0.00	0.01	96.35
Robinsoniella_OTU#1280	0.00	0.00	0.03	0.00	0.01	96.36
Barnesiella_OTU#830	0.02	0.00	0.00	0.00	0.01	96.37

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Oscillibacter_OTU#640	0.00	0.00	0.03	0.00	0.01	96.37
Anaerophaga_OTU#80	0.02	0.00	0.00	0.00	0.01	96.38
Parasporobacterium_OTU#639	0.00	0.00	0.03	0.00	0.01	96.39
Barnesiella_OTU#1276	0.00	0.00	0.03	0.00	0.01	96.40
Syntrophococcus_OTU#638	0.00	0.00	0.03	0.00	0.01	96.40
Barnesiella_OTU#1274	0.00	0.00	0.03	0.00	0.01	96.41
Anaerophaga_OTU#637	0.00	0.00	0.03	0.00	0.01	96.42
Robinsoniella_OTU#1273	0.00	0.00	0.03	0.00	0.01	96.43
Anaerophaga_OTU#839	0.02	0.00	0.00	0.00	0.01	96.43
Paludibacter_OTU#635	0.00	0.00	0.03	0.00	0.01	96.44
Paludibacter_OTU#1268	0.00	0.00	0.03	0.00	0.01	96.45
Limibacter_OTU#634	0.00	0.00	0.03	0.00	0.01	96.46
Syntrophococcus_OTU#843	0.02	0.00	0.00	0.00	0.01	96.46
Coprococcus_OTU#633	0.00	0.00	0.03	0.00	0.01	96.47
Barnesiella_OTU#1265	0.00	0.00	0.03	0.00	0.01	96.48
Robinsoniella_OTU#1264	0.00	0.00	0.03	0.00	0.01	96.49
Anaerophaga_OTU#847	0.02	0.00	0.00	0.00	0.01	96.49
Butyrivibrio_OTU#632	0.00	0.00	0.03	0.00	0.01	96.50
Marvinbryantia_OTU#1262	0.00	0.00	0.03	0.00	0.01	96.51
Effluviibacter_OTU#630	0.00	0.00	0.03	0.00	0.01	96.52
Limibacter_OTU#851	0.02	0.00	0.00	0.00	0.01	96.53
Oscillibacter_OTU#629	0.00	0.00	0.03	0.00	0.01	96.53
Anaerophaga_OTU#1257	0.00	0.00	0.03	0.00	0.01	96.54
Limibacter_OTU#854	0.02	0.00	0.00	0.00	0.01	96.55
Paludibacter_OTU#855	0.02	0.00	0.00	0.00	0.01	96.56
Syntrophococcus_OTU#628	0.00	0.00	0.03	0.00	0.01	96.56
Robinsoniella_OTU#625	0.00	0.00	0.03	0.00	0.01	96.57
Limibacter_OTU#624	0.00	0.00	0.03	0.00	0.01	96.58
Paludibacter_OTU#623	0.00	0.00	0.03	0.00	0.01	96.59
Barnesiella_OTU#622	0.00	0.00	0.03	0.00	0.01	96.59

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Anaerophaga_OTU#1258	0.00	0.00	0.03	0.00	0.01	96.60
Butyricoccus_OTU#862	0.02	0.00	0.00	0.00	0.01	96.61
Barnesiella_OTU#1261	0.00	0.00	0.03	0.00	0.01	96.62
Marvinbryantia_OTU#1260	0.00	0.00	0.03	0.00	0.01	96.62
Paludibacter_OTU#627	0.00	0.00	0.03	0.00	0.01	96.63
Anaerophaga_OTU#1266	0.00	0.00	0.03	0.00	0.01	96.64
Limibacter_OTU#867	0.02	0.00	0.00	0.00	0.01	96.65
Pseudozobellia_OTU#618	0.00	0.00	0.03	0.00	0.01	96.65
Paludibacter_OTU#1269	0.00	0.00	0.03	0.00	0.01	96.66
Parasutterella_OTU#616	0.00	0.00	0.03	0.00	0.01	96.67
Turicibacter_OTU#1263	0.00	0.00	0.03	0.00	0.01	96.68
Limibacter_OTU#626	0.00	0.00	0.03	0.00	0.01	96.68
Barnesiella_OTU#1277	0.00	0.00	0.03	0.00	0.01	96.69
Anaerophaga_OTU#612	0.00	0.00	0.03	0.00	0.01	96.70
Paludibacter_OTU#1275	0.00	0.00	0.03	0.00	0.01	96.71
Lactobacillus_OTU#1271	0.00	0.00	0.03	0.00	0.01	96.71
Tannerella_OTU#1220	0.00	0.00	0.03	0.00	0.01	96.72
Barnesiella_OTU#1279	0.00	0.00	0.03	0.00	0.01	96.73
Robinsoniella_OTU#879	0.00	0.00	0.03	0.00	0.01	96.74
Dorea_OTU#1218	0.00	0.00	0.03	0.00	0.01	96.74
Acetitomaculum_OTU#609	0.00	0.00	0.03	0.00	0.01	96.75
Anaerophaga_OTU#1217	0.00	0.00	0.03	0.00	0.01	96.76
Butyricoccus_OTU#883	0.00	0.00	0.03	0.00	0.01	96.77
Robinsoniella_OTU#1216	0.00	0.00	0.03	0.00	0.01	96.77
Tannerella_OTU#608	0.00	0.00	0.03	0.00	0.01	96.78
Barnesiella_OTU#1278	0.00	0.00	0.03	0.00	0.01	96.79
Acetitomaculum_OTU#887	0.00	0.00	0.03	0.00	0.01	96.80
Pseudozobellia_OTU#607	0.00	0.00	0.03	0.00	0.01	96.80
Marvinbryantia_OTU#1212	0.00	0.00	0.03	0.00	0.01	96.81
Robinsoniella_OTU#606	0.00	0.00	0.03	0.00	0.01	96.82

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Robinsoniella_OTU#1211	0.00	0.00	0.03	0.00	0.01	96.83
Terasakiella_OTU#1208	0.00	0.00	0.03	0.00	0.01	96.84
Butyricoccus_OTU#893	0.00	0.00	0.03	0.00	0.01	96.84
Lachnobacterium_OTU#894	0.00	0.00	0.03	0.00	0.01	96.85
Paludibacter_OTU#895	0.00	0.00	0.03	0.00	0.01	96.86
Allobaculum_OTU#75	0.02	0.00	0.00	0.00	0.01	96.87
Paludibacter_OTU#1283	0.00	0.00	0.03	0.00	0.01	96.87
Robinsoniella_OTU#603	0.00	0.00	0.03	0.00	0.01	96.88
Sharpea_OTU#1204	0.00	0.00	0.03	0.00	0.01	96.89
Limibacter_OTU#601	0.00	0.00	0.03	0.00	0.01	96.90
Anaerotruncus_OTU#1201	0.00	0.00	0.03	0.00	0.01	96.90
Turcibacter_OTU#1200	0.00	0.00	0.03	0.00	0.01	96.91
Anaerophaga_OTU#903	0.00	0.00	0.03	0.00	0.01	96.92
Paludibacter_OTU#1282	0.00	0.00	0.03	0.00	0.01	96.93
Dorea_OTU#905	0.00	0.00	0.03	0.00	0.01	96.93
Lachnobacterium_OTU#599	0.00	0.00	0.03	0.00	0.01	96.94
Robinsoniella_OTU#907	0.00	0.00	0.03	0.00	0.01	96.95
Butyrivibrio_OTU#1196	0.00	0.00	0.03	0.00	0.01	96.96
Escherichia/Shigella_OTU#909	0.00	0.00	0.03	0.00	0.01	96.96
Butyrivibrio_OTU#910	0.00	0.00	0.03	0.00	0.01	96.97
Streptophyta_OTU#911	0.00	0.00	0.03	0.00	0.01	96.98
Roseburia_OTU#598	0.00	0.00	0.03	0.00	0.01	96.99
Oscillibacter_OTU#597	0.00	0.00	0.03	0.00	0.01	96.99
Butyrivibrio_OTU#914	0.00	0.00	0.03	0.00	0.01	97.00
Robinsoniella_OTU#1193	0.00	0.00	0.03	0.00	0.01	97.01
Marvinbryantia_OTU#1192	0.00	0.00	0.03	0.00	0.01	97.02
Paludibacter_OTU#1190	0.00	0.00	0.03	0.00	0.01	97.02
Robinsoniella_OTU#1188	0.00	0.00	0.03	0.00	0.01	97.03
Marvinbryantia_OTU#594	0.00	0.00	0.03	0.00	0.01	97.04
Limibacter_OTU#1186	0.00	0.00	0.03	0.00	0.01	97.05

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Paludibacter_OTU#593	0.00	0.00	0.03	0.00	0.01	97.05
Roseburia_OTU#1185	0.00	0.00	0.03	0.00	0.01	97.06
Pseudozobellia_OTU#1184	0.00	0.00	0.03	0.00	0.01	97.07
Allobaculum_OTU#74	0.02	0.00	0.00	0.00	0.01	97.08
Oscillibacter_OTU#591	0.00	0.00	0.03	0.00	0.01	97.08
Paludibacter_OTU#1180	0.00	0.00	0.03	0.00	0.01	97.09
Oscillibacter_OTU#927	0.00	0.00	0.03	0.00	0.01	97.10
Lactobacillus_OTU#590	0.00	0.00	0.03	0.00	0.01	97.11
Robinsoniella_OTU#1178	0.00	0.00	0.03	0.00	0.01	97.12
Blautia_OTU#1177	0.00	0.00	0.03	0.00	0.01	97.12
Lachnobacterium_OTU#588	0.00	0.00	0.03	0.00	0.01	97.13
Marvinbryantia_OTU#587	0.00	0.00	0.03	0.00	0.01	97.14
Oscillibacter_OTU#933	0.00	0.00	0.03	0.00	0.01	97.15
Globicatella_OTU#1173	0.00	0.00	0.03	0.00	0.01	97.15
Robinsoniella_OTU#935	0.00	0.00	0.03	0.00	0.01	97.16
Syntrophococcus_OTU#1172	0.00	0.00	0.03	0.00	0.01	97.17
Syntrophococcus_OTU#1170	0.00	0.00	0.03	0.00	0.01	97.18
Paludibacter_OTU#938	0.00	0.00	0.03	0.00	0.01	97.18
Paludibacter_OTU#585	0.00	0.00	0.03	0.00	0.01	97.19
Lachnobacterium_OTU#1169	0.00	0.00	0.03	0.00	0.01	97.20
Coprococcus_OTU#584	0.00	0.00	0.03	0.00	0.01	97.21
Paludibacter_OTU#1166	0.00	0.00	0.03	0.00	0.01	97.21
Papillibacter_OTU#582	0.00	0.00	0.03	0.00	0.01	97.22
Allobaculum_OTU#36	0.02	0.00	0.00	0.00	0.01	97.23
Pseudozobellia_OTU#1162	0.00	0.00	0.03	0.00	0.01	97.24
Staphylococcus_OTU#1161	0.00	0.00	0.03	0.00	0.01	97.24
Barnesiella_OTU#1160	0.00	0.00	0.03	0.00	0.01	97.25
Anaerophaga_OTU#18	0.02	0.00	0.00	0.00	0.01	97.26
Limibacter_OTU#1158	0.00	0.00	0.03	0.00	0.01	97.27
Marvinbryantia_OTU#950	0.00	0.00	0.03	0.00	0.01	97.27

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Allobaculum_OTU#1156	0.00	0.00	0.03	0.00	0.01	97.28
Paludibacter_OTU#578	0.00	0.00	0.03	0.00	0.01	97.29
Butyrivibrio_OTU#953	0.00	0.00	0.03	0.00	0.01	97.30
Ruminococcus_OTU#954	0.00	0.00	0.03	0.00	0.01	97.30
Anaerotruncus_OTU#955	0.00	0.00	0.03	0.00	0.01	97.31
Oscillibacter_OTU#1155	0.00	0.00	0.03	0.00	0.01	97.32
Marvinbryantia_OTU#957	0.00	0.00	0.03	0.00	0.01	97.33
Maritalea_OTU#1154	0.00	0.00	0.03	0.00	0.01	97.33
Robinsoniella_OTU#577	0.00	0.00	0.03	0.00	0.01	97.34
Paludibacter_OTU#1153	0.00	0.00	0.03	0.00	0.01	97.35
Paludibacter_OTU#1152	0.00	0.00	0.03	0.00	0.01	97.36
Robinsoniella_OTU#576	0.00	0.00	0.03	0.00	0.01	97.36
Lachnobacterium_OTU#575	0.00	0.00	0.03	0.00	0.01	97.37
Limibacter_OTU#1148	0.00	0.00	0.03	0.00	0.01	97.38
Dorea_OTU#574	0.00	0.00	0.03	0.00	0.01	97.39
Robinsoniella_OTU#966	0.00	0.00	0.03	0.00	0.01	97.39
Barnesiella_OTU#967	0.00	0.00	0.03	0.00	0.01	97.40
Paludibacter_OTU#1147	0.00	0.00	0.03	0.00	0.01	97.41
Paludibacter_OTU#1146	0.00	0.00	0.03	0.00	0.01	97.42
Pseudozobellia_OTU#572	0.00	0.00	0.03	0.00	0.01	97.43
Parasporobacterium_OTU#971	0.00	0.00	0.03	0.00	0.01	97.43
Parasporobacterium_OTU#1142	0.00	0.00	0.03	0.00	0.01	97.44
Butyricoccus_OTU#973	0.00	0.00	0.03	0.00	0.01	97.45
Allobaculum_OTU#974	0.00	0.00	0.03	0.00	0.01	97.46
Blautia_OTU#1140	0.00	0.00	0.03	0.00	0.01	97.46
Papillibacter_OTU#570	0.00	0.00	0.03	0.00	0.01	97.47
Lachnobacterium_OTU#569	0.00	0.00	0.03	0.00	0.01	97.48
Oscillibacter_OTU#978	0.00	0.00	0.03	0.00	0.01	97.49
Syntrophococcus_OTU#979	0.00	0.00	0.03	0.00	0.01	97.49
Anaerophaga_OTU#1136	0.00	0.00	0.03	0.00	0.01	97.50

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Parasutterella_OTU#981	0.00	0.00	0.03	0.00	0.01	97.51
Dorea_OTU#568	0.00	0.00	0.03	0.00	0.01	97.52
Paludibacter_OTU#1293	0.00	0.00	0.03	0.00	0.01	97.52
Anaerophaga_OTU#1292	0.00	0.00	0.03	0.00	0.01	97.53
Robinsoniella_OTU#567	0.00	0.00	0.03	0.00	0.01	97.54
Syntrophococcus_OTU#1133	0.00	0.00	0.03	0.00	0.01	97.55
Butyricoccus_OTU#987	0.00	0.00	0.03	0.00	0.01	97.55
Roseburia_OTU#1132	0.00	0.00	0.03	0.00	0.01	97.56
Anaerophaga_OTU#1130	0.00	0.00	0.03	0.00	0.01	97.57
Marvinbryantia_OTU#1129	0.02	0.00	0.00	0.00	0.01	97.58
Bulleidia_OTU#991	0.00	0.00	0.03	0.00	0.01	97.58
Paludibacter_OTU#1128	0.02	0.00	0.00	0.00	0.01	97.59
Howardella_OTU#993	0.00	0.00	0.03	0.00	0.01	97.60
Marvinbryantia_OTU#994	0.00	0.00	0.03	0.00	0.01	97.61
Acidovorax_OTU#995	0.00	0.00	0.03	0.00	0.01	97.61
Lachnobacterium_OTU#1295	0.00	0.00	0.03	0.00	0.01	97.62
Anaerophaga_OTU#997	0.00	0.00	0.03	0.00	0.01	97.63
Tannerella_OTU#563	0.00	0.00	0.03	0.00	0.01	97.64
Lachnobacterium_OTU#1125	0.02	0.00	0.00	0.00	0.01	97.64
Allobaculum_OTU#1124	0.02	0.00	0.00	0.00	0.01	97.65
Marvinbryantia_OTU#561	0.00	0.00	0.03	0.00	0.01	97.66
Tannerella_OTU#501	0.02	0.00	0.00	0.00	0.01	97.67
Sporobacterium_OTU#1121	0.02	0.00	0.00	0.00	0.01	97.67
Paludibacter_OTU#1120	0.02	0.00	0.00	0.00	0.01	97.68
Barnesiella_OTU#1294	0.00	0.00	0.03	0.00	0.01	97.69
Paludibacter_OTU#1291	0.00	0.00	0.03	0.00	0.01	97.70
Mucispirillum_OTU#559	0.00	0.00	0.03	0.00	0.01	97.71
Syntrophococcus_OTU#1117	0.02	0.00	0.00	0.00	0.01	97.71
Robinsoniella_OTU#1116	0.02	0.00	0.00	0.00	0.01	97.72
Syntrophococcus_OTU#557	0.00	0.00	0.03	0.00	0.01	97.73

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Oscillibacter_OTU#1113	0.02	0.00	0.00	0.00	0.01	97.74
Paludibacter_OTU#506	0.02	0.00	0.00	0.00	0.01	97.74
Dorea_OTU#1112	0.02	0.00	0.00	0.00	0.01	97.75
Limibacter_OTU#1110	0.02	0.00	0.00	0.00	0.01	97.76
Parasporobacterium_OTU#1108	0.02	0.00	0.00	0.00	0.01	97.77
Robinsoniella_OTU#554	0.00	0.00	0.03	0.00	0.01	97.77
Robinsoniella_OTU#1106	0.02	0.00	0.00	0.00	0.01	97.78
Limibacter_OTU#1105	0.02	0.00	0.00	0.00	0.01	97.79
Allobaculum_OTU#1104	0.02	0.00	0.00	0.00	0.01	97.80
Limibacter_OTU#552	0.00	0.00	0.03	0.00	0.01	97.80
Paludibacter_OTU#551	0.00	0.00	0.03	0.00	0.01	97.81
Paludibacter_OTU#511	0.02	0.00	0.00	0.00	0.01	97.82
Paraprevotella_OTU#1103	0.02	0.00	0.00	0.00	0.01	97.83
Paludibacter_OTU#1101	0.02	0.00	0.00	0.00	0.01	97.83
Rikenella_OTU#1100	0.02	0.00	0.00	0.00	0.01	97.84
Paludibacter_OTU#549	0.00	0.00	0.03	0.00	0.01	97.85
Lachnobacterium_OTU#1097	0.02	0.00	0.00	0.00	0.01	97.86
Rikenella_OTU#1096	0.02	0.00	0.00	0.00	0.01	97.86
Anaerophaga_OTU#548	0.00	0.00	0.03	0.00	0.01	97.87
Paludibacter_OTU#547	0.00	0.00	0.03	0.00	0.01	97.88
Butyricoccus_OTU#1093	0.02	0.00	0.00	0.00	0.01	97.89
Allobaculum_OTU#1092	0.02	0.00	0.00	0.00	0.01	97.89
Anaerophaga_OTU#1091	0.02	0.00	0.00	0.00	0.01	97.90
Thiorhodospira_OTU#1090	0.02	0.00	0.00	0.00	0.01	97.91
Anaerophaga_OTU#1089	0.02	0.00	0.00	0.00	0.01	97.92
Anaerophaga_OTU#1290	0.00	0.00	0.03	0.00	0.01	97.92
Parasporobacterium_OTU#543	0.00	0.00	0.03	0.00	0.01	97.93
Allobaculum_OTU#1084	0.02	0.00	0.00	0.00	0.01	97.94
Robinsoniella_OTU#542	0.00	0.00	0.03	0.00	0.01	97.95
Paludibacter_OTU#1082	0.02	0.00	0.00	0.00	0.01	97.95

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Barnesiella_OTU#1081	0.02	0.00	0.00	0.00	0.01	97.96
Sporobacterium_OTU#1080	0.02	0.00	0.00	0.00	0.01	97.97
Lachnobacterium_OTU#540	0.00	0.00	0.03	0.00	0.01	97.98
Anaerophaga_OTU#539	0.00	0.00	0.03	0.00	0.01	97.99
Limibacter_OTU#1077	0.02	0.00	0.00	0.00	0.01	97.99
Sporobacterium_OTU#1074	0.02	0.00	0.00	0.00	0.01	98.00
Allobaculum_OTU#1073	0.02	0.00	0.00	0.00	0.01	98.01
Desulfurispora_OTU#1072	0.02	0.00	0.00	0.00	0.01	98.02
Limibacter_OTU#1299	0.00	0.00	0.03	0.00	0.01	98.02
Allobaculum_OTU#1070	0.02	0.00	0.00	0.00	0.01	98.03
Limibacter_OTU#1068	0.02	0.00	0.00	0.00	0.01	98.04
Marvinbryantia_OTU#1067	0.02	0.00	0.00	0.00	0.01	98.05
Paludibacter_OTU#1066	0.02	0.00	0.00	0.00	0.01	98.05
Parasutterella_OTU#1065	0.02	0.00	0.00	0.00	0.01	98.06
Allobaculum_OTU#1063	0.02	0.00	0.00	0.00	0.01	98.07
Syntrophococcus_OTU#1062	0.02	0.00	0.00	0.00	0.01	98.08
Marvinbryantia_OTU#531	0.00	0.00	0.03	0.00	0.01	98.08
Parasporobacterium_OTU#1061	0.02	0.00	0.00	0.00	0.01	98.09
Lachnobacterium_OTU#1060	0.02	0.00	0.00	0.00	0.01	98.10
Marvinbryantia_OTU#530	0.00	0.00	0.03	0.00	0.01	98.11
Paludibacter_OTU#1059	0.02	0.00	0.00	0.00	0.01	98.11
Lachnobacterium_OTU#1058	0.02	0.00	0.00	0.00	0.01	98.12
Anaerovorax_OTU#1057	0.02	0.00	0.00	0.00	0.01	98.13
Allobaculum_OTU#1056	0.02	0.00	0.00	0.00	0.01	98.14
Rikenella_OTU#1298	0.00	0.00	0.03	0.00	0.01	98.14
Dorea_OTU#1055	0.02	0.00	0.00	0.00	0.01	98.15
Lachnobacterium_OTU#527	0.00	0.00	0.03	0.00	0.01	98.16
Paludibacter_OTU#1307	0.00	0.00	0.03	0.00	0.01	98.17
Paludibacter_OTU#1306	0.00	0.00	0.03	0.00	0.01	98.17
Paludibacter_OTU#1309	0.00	0.00	0.03	0.00	0.01	98.18

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Anaerophaga_OTU#1071	0.02	0.00	0.00	0.00	0.01	98.19
Roseburia_OTU#1311	0.00	0.00	0.03	0.00	0.01	98.20
Anaerophaga_OTU#1305	0.00	0.00	0.03	0.00	0.01	98.20
Anaerophaga_OTU#1315	0.00	0.00	0.03	0.00	0.01	98.21
Oscillibacter_OTU#1075	0.02	0.00	0.00	0.00	0.01	98.22
Roseburia_OTU#1314	0.00	0.00	0.03	0.00	0.01	98.23
Barnesiella_OTU#521	0.02	0.00	0.00	0.00	0.01	98.23
Allobaculum_OTU#1078	0.02	0.00	0.00	0.00	0.01	98.24
Syntrophococcus_OTU#1079	0.02	0.00	0.00	0.00	0.01	98.25
Sediminitomix_OTU#1317	0.00	0.00	0.03	0.00	0.01	98.26
Allobaculum_OTU#519	0.02	0.00	0.00	0.00	0.01	98.26
Lachnobacterium_OTU#1321	0.00	0.00	0.03	0.00	0.01	98.27
Paludibacter_OTU#1083	0.02	0.00	0.00	0.00	0.01	98.28
Lachnobacterium_OTU#663	0.00	0.00	0.03	0.00	0.01	98.29
Butyricicoccus_OTU#1085	0.02	0.00	0.00	0.00	0.01	98.30
Allobaculum_OTU#1086	0.02	0.00	0.00	0.00	0.01	98.30
Acetitomaculum_OTU#1087	0.02	0.00	0.00	0.00	0.01	98.31
Paludibacter_OTU#517	0.02	0.00	0.00	0.00	0.01	98.32
Marvinbryantia_OTU#662	0.00	0.00	0.03	0.00	0.01	98.33
Paludibacter_OTU#516	0.02	0.00	0.00	0.00	0.01	98.33
Pseudozobellia_OTU#1319	0.00	0.00	0.03	0.00	0.01	98.34
Paludibacter_OTU#514	0.02	0.00	0.00	0.00	0.01	98.35
Paludibacter_OTU#1303	0.00	0.00	0.03	0.00	0.01	98.36
Syntrophococcus_OTU#1094	0.02	0.00	0.00	0.00	0.01	98.36
Paludibacter_OTU#1023	0.00	0.02	0.00	0.00	0.01	98.37
Barnesiella_OTU#1022	0.00	0.02	0.00	0.00	0.01	98.38
Rikenella_OTU#1021	0.00	0.02	0.00	0.00	0.01	98.38
Paludibacter_OTU#1020	0.00	0.02	0.00	0.00	0.01	98.39
Barnesiella_OTU#255	0.00	0.02	0.00	0.00	0.01	98.40
Rikenella_OTU#1018	0.00	0.02	0.00	0.00	0.01	98.41

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Parasutterella_OTU#1017	0.00	0.02	0.00	0.00	0.01	98.41
Limibacter_OTU#127	0.00	0.00	0.00	0.02	0.01	98.42
Tannerella_OTU#1015	0.00	0.02	0.00	0.00	0.01	98.43
Paludibacter_OTU#1013	0.00	0.02	0.00	0.00	0.01	98.43
Robinsoniella_OTU#1012	0.00	0.02	0.00	0.00	0.01	98.44
Paludibacter_OTU#253	0.00	0.02	0.00	0.00	0.01	98.45
Limibacter_OTU#1011	0.00	0.02	0.00	0.00	0.01	98.45
Pseudozobellia_OTU#1010	0.00	0.02	0.00	0.00	0.01	98.46
Paludibacter_OTU#1009	0.00	0.02	0.00	0.00	0.01	98.47
Rikenella_OTU#1007	0.00	0.02	0.00	0.00	0.01	98.48
Allobaculum_OTU#1004	0.00	0.02	0.00	0.00	0.01	98.48
Paludibacter_OTU#1003	0.00	0.02	0.00	0.00	0.01	98.49
Paludibacter_OTU#1002	0.00	0.02	0.00	0.00	0.01	98.50
Anaerophaga_OTU#1000	0.00	0.02	0.00	0.00	0.01	98.50
Limibacter_OTU#250	0.00	0.02	0.00	0.00	0.01	98.51
Anaerophaga_OTU#248	0.00	0.02	0.00	0.00	0.01	98.52
Paludibacter_OTU#124	0.00	0.00	0.00	0.02	0.01	98.52
Rikenella_OTU#244	0.00	0.02	0.00	0.00	0.01	98.53
Barnesiella_OTU#243	0.00	0.02	0.00	0.00	0.01	98.54
Paludibacter_OTU#121	0.00	0.00	0.00	0.02	0.01	98.55
Paludibacter_OTU#241	0.00	0.02	0.00	0.00	0.01	98.55
Barnesiella_OTU#240	0.00	0.02	0.00	0.00	0.01	98.56
Barnesiella_OTU#120	0.00	0.00	0.00	0.02	0.01	98.57
Anaerophaga_OTU#238	0.00	0.02	0.00	0.00	0.01	98.57
Rikenella_OTU#235	0.00	0.02	0.00	0.00	0.01	98.58
Limibacter_OTU#117	0.00	0.00	0.00	0.02	0.01	98.59
Parasutterella_OTU#232	0.00	0.02	0.00	0.00	0.01	98.60
Parasutterella_OTU#231	0.00	0.02	0.00	0.00	0.01	98.60
Hallella_OTU#229	0.00	0.02	0.00	0.00	0.01	98.61
Paludibacter_OTU#228	0.00	0.02	0.00	0.00	0.01	98.62

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Limibacter_OTU#223	0.00	0.02	0.00	0.00	0.01	98.62
Paludibacter_OTU#222	0.00	0.02	0.00	0.00	0.01	98.63
Limibacter_OTU#219	0.00	0.00	0.00	0.02	0.01	98.64
Limibacter_OTU#216	0.00	0.00	0.00	0.02	0.01	98.64
Barnesiella_OTU#214	0.00	0.00	0.00	0.02	0.01	98.65
Tannerella_OTU#210	0.00	0.00	0.00	0.02	0.01	98.66
Limibacter_OTU#206	0.00	0.00	0.00	0.02	0.01	98.67
Paludibacter_OTU#205	0.00	0.00	0.00	0.02	0.01	98.67
Limibacter_OTU#203	0.00	0.00	0.00	0.02	0.01	98.68
Barnesiella_OTU#201	0.00	0.00	0.00	0.02	0.01	98.69
Limibacter_OTU#195	0.00	0.00	0.00	0.02	0.01	98.69
unclassified_TM7_OTU#193	0.00	0.00	0.00	0.02	0.01	98.70
Rikenella_OTU#769	0.00	0.00	0.00	0.02	0.01	98.71
Lactobacillus_OTU#768	0.00	0.00	0.00	0.02	0.01	98.71
Paludibacter_OTU#767	0.00	0.00	0.00	0.02	0.01	98.72
Paludibacter_OTU#766	0.00	0.00	0.00	0.02	0.01	98.73
Rikenella_OTU#765	0.00	0.00	0.00	0.02	0.01	98.74
Paludibacter_OTU#764	0.00	0.00	0.00	0.02	0.01	98.74
Paludibacter_OTU#382	0.00	0.00	0.00	0.02	0.01	98.75
Lactobacillus_OTU#763	0.00	0.00	0.00	0.02	0.01	98.76
Paludibacter_OTU#762	0.00	0.00	0.00	0.02	0.01	98.76
Paludibacter_OTU#381	0.00	0.00	0.00	0.02	0.01	98.77
Rikenella_OTU#761	0.00	0.00	0.00	0.02	0.01	98.78
Paludibacter_OTU#760	0.00	0.00	0.00	0.02	0.01	98.78
Paludibacter_OTU#380	0.00	0.00	0.00	0.02	0.01	98.79
Paludibacter_OTU#759	0.00	0.00	0.00	0.02	0.01	98.80
Limibacter_OTU#757	0.00	0.02	0.00	0.00	0.01	98.81
Paludibacter_OTU#756	0.00	0.02	0.00	0.00	0.01	98.81
Parasutterella_OTU#755	0.00	0.02	0.00	0.00	0.01	98.82
Paludibacter_OTU#753	0.00	0.02	0.00	0.00	0.01	98.83

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Limibacter_OTU#752	0.00	0.02	0.00	0.00	0.01	98.83
Paludibacter_OTU#188	0.00	0.00	0.00	0.02	0.01	98.84
Rikenella_OTU#751	0.00	0.02	0.00	0.00	0.01	98.85
Paludibacter_OTU#374	0.00	0.00	0.00	0.02	0.01	98.86
Bulleidia_OTU#187	0.00	0.00	0.00	0.02	0.01	98.86
Paludibacter_OTU#747	0.00	0.02	0.00	0.00	0.01	98.87
Limibacter_OTU#746	0.00	0.02	0.00	0.00	0.01	98.88
Paludibacter_OTU#373	0.00	0.00	0.00	0.02	0.01	98.88
Limibacter_OTU#745	0.00	0.02	0.00	0.00	0.01	98.89
Limibacter_OTU#744	0.00	0.02	0.00	0.00	0.01	98.90
Barnesiella_OTU#372	0.00	0.00	0.00	0.02	0.01	98.90
Paludibacter_OTU#742	0.00	0.02	0.00	0.00	0.01	98.91
Paludibacter_OTU#371	0.00	0.00	0.00	0.02	0.01	98.92
Paludibacter_OTU#741	0.00	0.02	0.00	0.00	0.01	98.93
Helicobacter_OTU#739	0.00	0.02	0.00	0.00	0.01	98.93
Paludibacter_OTU#736	0.00	0.02	0.00	0.00	0.01	98.94
Paludibacter_OTU#368	0.00	0.00	0.00	0.02	0.01	98.95
Anaerophaga_OTU#733	0.00	0.02	0.00	0.00	0.01	98.95
Rikenella_OTU#731	0.00	0.02	0.00	0.00	0.01	98.96
Limibacter_OTU#730	0.00	0.02	0.00	0.00	0.01	98.97
Parasutterella_OTU#365	0.00	0.00	0.00	0.02	0.01	98.97
Paludibacter_OTU#729	0.00	0.02	0.00	0.00	0.01	98.98
Tannerella_OTU#728	0.00	0.02	0.00	0.00	0.01	98.99
Paludibacter_OTU#364	0.00	0.00	0.00	0.02	0.01	99.00
Limibacter_OTU#727	0.00	0.02	0.00	0.00	0.01	99.00
Limibacter_OTU#726	0.00	0.02	0.00	0.00	0.01	99.01
Paludibacter_OTU#363	0.00	0.00	0.00	0.02	0.01	99.02
Parasutterella_OTU#725	0.00	0.02	0.00	0.00	0.01	99.02
Paludibacter_OTU#724	0.00	0.02	0.00	0.00	0.01	99.03
Anaerovorax_OTU#723	0.00	0.02	0.00	0.00	0.01	99.04

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Paludibacter_OTU#722	0.00	0.02	0.00	0.00	0.01	99.04
Anaerophaga_OTU#361	0.00	0.00	0.00	0.02	0.01	99.05
Hallella_OTU#721	0.00	0.02	0.00	0.00	0.01	99.06
Paludibacter_OTU#180	0.00	0.00	0.00	0.02	0.01	99.07
Limibacter_OTU#719	0.00	0.02	0.00	0.00	0.01	99.07
Paludibacter_OTU#718	0.00	0.02	0.00	0.00	0.01	99.08
Paludibacter_OTU#359	0.00	0.00	0.00	0.02	0.01	99.09
Paludibacter_OTU#716	0.00	0.02	0.00	0.00	0.01	99.09
Lachnobacterium_OTU#179	0.00	0.00	0.00	0.02	0.01	99.10
Limibacter_OTU#715	0.00	0.02	0.00	0.00	0.01	99.11
Paludibacter_OTU#714	0.00	0.02	0.00	0.00	0.01	99.11
Paludibacter_OTU#713	0.00	0.02	0.00	0.00	0.01	99.12
Paludibacter_OTU#710	0.00	0.02	0.00	0.00	0.01	99.13
Paludibacter_OTU#354	0.00	0.00	0.00	0.02	0.01	99.14
Paludibacter_OTU#707	0.00	0.02	0.00	0.00	0.01	99.14
Parasutterella_OTU#706	0.00	0.02	0.00	0.00	0.01	99.15
Paludibacter_OTU#352	0.00	0.00	0.00	0.02	0.01	99.16
Hallella_OTU#176	0.00	0.00	0.00	0.02	0.01	99.16
Barnesiella_OTU#702	0.00	0.02	0.00	0.00	0.01	99.17
Paludibacter_OTU#351	0.00	0.00	0.00	0.02	0.01	99.18
Barnesiella_OTU#348	0.00	0.00	0.00	0.02	0.01	99.19
Limibacter_OTU#347	0.00	0.00	0.00	0.02	0.01	99.19
Limibacter_OTU#173	0.00	0.00	0.00	0.02	0.01	99.20
Enterorhabdus_OTU#345	0.00	0.00	0.00	0.02	0.01	99.21
Rikenella_OTU#172	0.00	0.00	0.00	0.02	0.01	99.21
Limibacter_OTU#343	0.00	0.00	0.00	0.02	0.01	99.22
Limibacter_OTU#171	0.00	0.00	0.00	0.02	0.01	99.23
Paludibacter_OTU#341	0.00	0.00	0.00	0.02	0.01	99.23
Paludibacter_OTU#168	0.00	0.00	0.00	0.02	0.01	99.24
Paludibacter_OTU#334	0.00	0.00	0.00	0.02	0.01	99.25

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Lactobacillus_OTU#167	0.00	0.00	0.00	0.02	0.01	99.26
Paludibacter_OTU#333	0.00	0.00	0.00	0.02	0.01	99.26
Tannerella_OTU#332	0.00	0.00	0.00	0.02	0.01	99.27
Barnesiella_OTU#166	0.00	0.00	0.00	0.02	0.01	99.28
Anaerophaga_OTU#1326	0.00	0.02	0.00	0.00	0.01	99.28
Anaerophaga_OTU#1324	0.00	0.02	0.00	0.00	0.01	99.29
Paludibacter_OTU#331	0.00	0.00	0.00	0.02	0.01	99.30
Rikenella_OTU#1323	0.00	0.02	0.00	0.00	0.01	99.30
Parasutterella_OTU#1322	0.00	0.02	0.00	0.00	0.01	99.31
Pseudozobellia_OTU#330	0.00	0.00	0.00	0.02	0.01	99.32
Rikenella_OTU#328	0.00	0.00	0.00	0.02	0.01	99.33
Paludibacter_OTU#327	0.00	0.00	0.00	0.02	0.01	99.33
Butyricimonas_OTU#325	0.00	0.00	0.00	0.02	0.01	99.34
Barnesiella_OTU#324	0.00	0.00	0.00	0.02	0.01	99.35
Allobaculum_OTU#162	0.00	0.00	0.00	0.02	0.01	99.35
Limibacter_OTU#323	0.00	0.00	0.00	0.02	0.01	99.36
Limibacter_OTU#322	0.00	0.00	0.00	0.02	0.01	99.37
Paludibacter_OTU#160	0.00	0.00	0.00	0.02	0.01	99.37
Allobaculum_OTU#315	0.00	0.00	0.00	0.02	0.01	99.38
Comamonas_OTU#1256	0.00	0.00	0.00	0.02	0.01	99.39
Acinetobacter_OTU#1254	0.00	0.00	0.00	0.02	0.01	99.40
Anaerostipes_OTU#1252	0.00	0.00	0.00	0.02	0.01	99.40
Dichelobacter_OTU#313	0.00	0.02	0.00	0.00	0.01	99.41
Roseburia_OTU#1251	0.00	0.00	0.00	0.02	0.01	99.42
Anaerotruncus_OTU#1250	0.00	0.00	0.00	0.02	0.01	99.42
Paludibacter_OTU#1249	0.00	0.00	0.00	0.02	0.01	99.43
Tumebacillus_OTU#1246	0.00	0.00	0.00	0.02	0.01	99.44
Limibacter_OTU#1245	0.00	0.00	0.00	0.02	0.01	99.45
Tumebacillus_OTU#1244	0.00	0.00	0.00	0.02	0.01	99.45
Limibacter_OTU#311	0.00	0.02	0.00	0.00	0.01	99.46

Supplementary Table 6

Sporacetigenium_OTU#1243	0.00	0.00	0.00	0.02	0.01	99.47
Burkholderia_OTU#1240	0.00	0.00	0.00	0.02	0.01	99.47
Propionibacterium_OTU#1253	0.00	0.00	0.00	0.02	0.01	99.48
Paludibacter_OTU#310	0.00	0.02	0.00	0.00	0.01	99.49
Roseburia_OTU#1255	0.00	0.00	0.00	0.02	0.01	99.49
Salinibacterium_OTU#155	0.00	0.00	0.00	0.02	0.01	99.50
Butyrivibrio_OTU#1239	0.00	0.00	0.00	0.02	0.01	99.51
Anaerotruncus_OTU#1238	0.00	0.00	0.00	0.02	0.01	99.52
Corynebacterium_OTU#1237	0.00	0.00	0.00	0.02	0.01	99.52
Corynebacterium_OTU#1236	0.00	0.00	0.00	0.02	0.01	99.53
Lachnobacterium_OTU#1235	0.00	0.00	0.00	0.02	0.01	99.54
Tannerella_OTU#1234	0.00	0.02	0.00	0.00	0.01	99.54
Rikenella_OTU#1233	0.00	0.02	0.00	0.00	0.01	99.55
Rikenella_OTU#308	0.00	0.02	0.00	0.00	0.01	99.56
Parasutterella_OTU#1231	0.00	0.02	0.00	0.00	0.01	99.56
Paludibacter_OTU#1230	0.00	0.02	0.00	0.00	0.01	99.57
Paludibacter_OTU#1228	0.00	0.02	0.00	0.00	0.01	99.58
Rikenella_OTU#1227	0.00	0.02	0.00	0.00	0.01	99.59
Anaerophaga_OTU#1226	0.00	0.02	0.00	0.00	0.01	99.59
Limibacter_OTU#1225	0.00	0.02	0.00	0.00	0.01	99.60
Anaerophaga_OTU#1224	0.00	0.02	0.00	0.00	0.01	99.61
Paludibacter_OTU#1223	0.00	0.02	0.00	0.00	0.01	99.61
Paludibacter_OTU#1222	0.00	0.02	0.00	0.00	0.01	99.62
Helicobacter_OTU#1221	0.00	0.02	0.00	0.00	0.01	99.63
Paludibacter_OTU#305	0.00	0.02	0.00	0.00	0.01	99.63
Paludibacter_OTU#152	0.00	0.00	0.00	0.02	0.01	99.64
Paludibacter_OTU#303	0.00	0.02	0.00	0.00	0.01	99.65
Paludibacter_OTU#302	0.00	0.02	0.00	0.00	0.01	99.66
Paludibacter_OTU#151	0.00	0.00	0.00	0.02	0.01	99.66
Rikenella_OTU#299	0.00	0.02	0.00	0.00	0.01	99.67

Supplementary Table 6

Limibacter_OTU#297	0.00	0.02	0.00	0.00	0.01	99.68
Rikenella_OTU#295	0.00	0.02	0.00	0.00	0.01	99.68
Paludibacter_OTU#294	0.00	0.02	0.00	0.00	0.01	99.69
Paludibacter_OTU#291	0.00	0.02	0.00	0.00	0.01	99.70
Robinsoniella_OTU#290	0.00	0.02	0.00	0.00	0.01	99.70
Anaerophaga_OTU#289	0.00	0.02	0.00	0.00	0.01	99.71
Paludibacter_OTU#285	0.00	0.02	0.00	0.00	0.01	99.72
Anaerophaga_OTU#284	0.00	0.02	0.00	0.00	0.01	99.73
Barnesiella_OTU#282	0.00	0.02	0.00	0.00	0.01	99.73
Paludibacter_OTU#141	0.00	0.00	0.00	0.02	0.01	99.74
Paludibacter_OTU#281	0.00	0.02	0.00	0.00	0.01	99.75
Dichelobacter_OTU#279	0.00	0.02	0.00	0.00	0.01	99.75
Limibacter_OTU#273	0.00	0.02	0.00	0.00	0.01	99.76
Anaerophaga_OTU#271	0.00	0.02	0.00	0.00	0.01	99.77
Tannerella_OTU#269	0.00	0.02	0.00	0.00	0.01	99.78
Barnesiella_OTU#268	0.00	0.02	0.00	0.00	0.01	99.78
Paludibacter_OTU#134	0.00	0.00	0.00	0.02	0.01	99.79
Dichelobacter_OTU#264	0.00	0.02	0.00	0.00	0.01	99.80
Paludibacter_OTU#1053	0.00	0.00	0.00	0.02	0.01	99.80
Anaerophaga_OTU#1052	0.00	0.00	0.00	0.02	0.01	99.81
Helicobacter_OTU#1051	0.00	0.00	0.00	0.02	0.01	99.82
Mucispirillum_OTU#1050	0.00	0.00	0.00	0.02	0.01	99.82
Anaerophaga_OTU#1049	0.00	0.00	0.00	0.02	0.01	99.83
Paludibacter_OTU#1048	0.00	0.00	0.00	0.02	0.01	99.84
Limibacter_OTU#131	0.00	0.00	0.00	0.02	0.01	99.85
Paludibacter_OTU#1047	0.00	0.00	0.00	0.02	0.01	99.85
Syntrophococcus_OTU#1046	0.00	0.00	0.00	0.02	0.01	99.86
Anaerophaga_OTU#1045	0.00	0.00	0.00	0.02	0.01	99.87
Paludibacter_OTU#1043	0.00	0.00	0.00	0.02	0.01	99.87
Salinihabitans_OTU#1041	0.00	0.00	0.00	0.02	0.01	99.88

Supplementary Table 6

Barnesiella_OTU#260	0.00	0.02	0.00	0.00	0.01	99.89
Paludibacter_OTU#130	0.00	0.00	0.00	0.02	0.01	99.89
Eubacterium_OTU#1039	0.00	0.00	0.00	0.02	0.01	99.90
Alloiococcus_OTU#1038	0.00	0.00	0.00	0.02	0.01	99.91
Barnesiella_OTU#1036	0.00	0.00	0.00	0.02	0.01	99.92
Roseburia_OTU#1035	0.00	0.00	0.00	0.02	0.01	99.92
Roseburia_OTU#1034	0.00	0.00	0.00	0.02	0.01	99.93
Paludibacter_OTU#1033	0.00	0.00	0.00	0.02	0.01	99.94
Anaerophaga_OTU#1032	0.00	0.00	0.00	0.02	0.01	99.94
Parasutterella_OTU#258	0.00	0.02	0.00	0.00	0.01	99.95
Limibacter_OTU#1031	0.00	0.00	0.00	0.02	0.01	99.96
Paludibacter_OTU#1030	0.00	0.00	0.00	0.02	0.01	99.96
Paludibacter_OTU#1028	0.00	0.00	0.00	0.02	0.01	99.97
Paludibacter_OTU#1027	0.00	0.02	0.00	0.00	0.01	99.98
Asaccharobacter_OTU#1325	0.00	0.02	0.00	0.00	0.01	99.99
Paludibacter_OTU#1026	0.00	0.02	0.00	0.00	0.01	99.99
Anaerophaga_OTU#1024	0.00	0.02	0.00	0.00	0.01	100.00