



## Heatmap OTUs

OTU	OTU	Taxonomy	superkingdom	phylum	class	order	family	genus
1	1	Bacteria; Bacteroidetes; Bacter	Bacteria	Bacteroidete	Bacteroidia	Bacteroidales	Rikenellaceae	Alisities
2	2	Bacteria; Bacteroidetes; Bacter	Bacteria	Bacteroidete	Bacteroidia	Bacteroidales	Bacteroidaceae	Bacteroides
3	3	Bacteria; Bacteroidetes; Bacter	Bacteria	Bacteroidete	Bacteroidia	Bacteroidales	Bacteroidaceae	Bacteroides
4	6	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiaceae	Clostridium sensu stricto 1
5	7	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured
6	10	Bacteria; Bacteroidetes; Bacter	Bacteria	Bacteroidete	Bacteroidia	Bacteroidales	Porphyromon	Parabacteroides
7	11	Bacteria; Firmicutes; Erysipelot	Bacteria	Firmicutes	Erysipelotrici	Erysipelotrici	Erysipelotrici	Turcibacter
8	13	Bacteria; Bacteroidetes; Bacter	Bacteria	Bacteroidete	Bacteroidia	Bacteroidales	Rikenellaceae	Alisities
9	15	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured
10	16	Bacteria; Verrucomicrobia; Ver	Bacteria	Verrucomicr	Verrucomicr	Verrucomicr	Verrucomicr	Akkermansia
11	17	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales	-NA
12	24	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococca	Ruminococcaceae UCG-014
13	25	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales	-NA
14	26	Bacteria; Bacteroidetes; Bacter	Bacteria	Bacteroidete	Bacteroidia	Bacteroidales	Porphyromon	Odoribacter
15	36	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	Coproccoccus 1
16	48	Bacteria; Verrucomicrobia; Ver	Bacteria	Verrucomicr	Verrucomicr	Verrucomicr	Verrucomicr	Akkermansia
17	55	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured
18	57	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured
19	60	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	Roseburia
20	61	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococca	Ruminiclostridium 9
21	62	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococca	Oscillibacter
22	63	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	Lachnospiraceae UCG-008
23	65	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	Lachnospiraceae NK4A136 group
24	68	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococca	Oscillibacter
25	71	Bacteria; Bacteroidetes; Bacter	Bacteria	Bacteroidete	Bacteroidia	Bacteroidales	Rikenellaceae	Alisities
26	74	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales	unidentified
27	76	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured
28	82	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured
29	91	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	Roseburia
30	94	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiales	-NA
31	96	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococca	uncultured
32	103	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	Lachnospiraceae NK4A136 group
33	113	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	Lachnospirac
34	114	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococca	uncultured
35	119	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured
36	121	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured
37	122	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	Tyzzeria
38	124	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured
39	130	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured
40	133	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured
41	137	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	Lachnospiraceae UCG-001
42	140	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured
43	150	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococca	Ruminiclostridium 9
44	152	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured
45	181	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	Lachnospiraceae NK4A136 group
46	183	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococca	Ruminiclostridium
47	191	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured
48	198	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococca	Anaerotruncus
49	202	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococca	uncultured
50	204	Bacteria; Firmicutes; Erysipelot	Bacteria	Firmicutes	Erysipelotrici	Erysipelotrici	Erysipelotrici	Allobaculum
51	209	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured
52	215	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococca	Anaerotruncus
53	233	Bacteria; Firmicutes; Erysipelot	Bacteria	Firmicutes	Erysipelotrici	Erysipelotrici	Erysipelotrici	Allobaculum
54	242	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	Lachnospiraceae FCS020 group
55	255	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococca	Oscillibacter
56	259	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococca	uncultured
57	263	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	Coproccoccus 1
58	278	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured
59	287	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured
60	291	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococca	uncultured
61	316	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococca	Ruminiclostridium 9
62	335	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	Lachnospiraceae UCG-008
63	336	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured
64	361	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Ruminococca	Ruminiclostridium 9
65	417	Bacteria; Firmicutes; Clostridia	Bacteria	Firmicutes	Clostridia	Clostridiales	Lachnospirac	uncultured