

Family	Genus	OTU	1.1	1.2	1.3	1.4	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2	4.3	4.4	5.1	5.2	5.3	5.4	6.1	6.2	6.3	6.4	7.1	7.2	7.3	7.4	8.1	8.2	8.3	8.4	SUM			
Lachnospiraceae	unclassified_f_Lachnospiraceae	OTU438	4	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	13		
Ruminococcaceae	Ruminiclostridium	OTU75	0	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
Clostridiales_vadinBB60_group	norank_f_Clostridiales_vadinBB60_group	OTU226	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		
Lachnospiraceae	Lachnospiraceae_NK4136_group	OTU101	0	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29		
Lachnospiraceae	Marvinbryantia	OTU3	15	10	11	5	0	0	0	37	2	1	1	1	0	0	0	0	0	5	3	0	0	3	6	3	2	1	6	3	4	5	44	5	14	187		
Lachnospiraceae	Anaerostipes	OTU325	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	3	0	0	0	0	0	0	1	12		
Lachnospiraceae	Eisenbergiella	OTU180	0	0	0	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	12	
Lachnospiraceae	norank_f_Lachnospiraceae	OTU102	0	0	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	12		
Ruminococcaceae	[Eubacterium]_coprostanoligenes_group	OTU210	0	0	0	1	0	3	2	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	15	
Ruminococcaceae	Ruminococcus_1	OTU1613	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	10	3	6	0	22	
Family_XIII_AD3011_group	unclassified_f_Lachnospiraceae	OTU674	2	0	6	3	1	7	8	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	18	88		
Lachnospiraceae	unclassified_f_Lachnospiraceae	OTU293	0	2	0	0	0	2	2	1	5	1	0	0	3	0	0	0	0	0	1	1	1	1	2	0	0	0	1	0	3	1	0	0	0	29		
Ruminococcaceae	Anaerotruncus	OTU79	0	3	1	7	0	0	0	2	4	1	1	1	1	3	1	7	6	1	1	1	1	1	0	0	0	0	0	0	0	0	0	2	2	54		
Lachnospiraceae	Lachnospiraceae_NK4136_group	OTU173	0	1	1	3	18	18	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66		
unclassified_k_norank	unclassified_k_norank	OTU379	0	0	0	0	0	0	1	0	1	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8		
Lachnospiraceae	unclassified_f_Lachnospiraceae	OTU627	0	0	0	0	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28		
Prevotellaceae	Alloprevotella	OTU291	4	4	4	15	0	4	243	0	30	47	43	5	7	4	0	0	0	4	1	2	26	0	0	0	0	0	0	0	0	0	2	1	11	0	453	
Christensenellaceae	Christensenellaceae_R-7_group	OTU190	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7		
Bacteroidales_S24-7_group	norank_f_Bacteroidales_S24-7_group	OTU201	92	125	61	122	233	311	235	38	108	93	67	26	85	85	90	175	90	45	13	253	16	88	24	47	15	76	53	191	87	166	19	100	3229			
Ruminococcaceae	Ruminococcaceae_UCG-013	OTU127	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	6			
Lachnospiraceae	unclassified_f_Lachnospiraceae	OTU590	196	141	184	95	7	18	12	253	13	12	3	50	10	8	3	2	63	18	34	21	119	148	116	141	62	1	1	1	1	0	0	0	0	1	6	
Lachnospiraceae	unclassified_f_Lachnospiraceae	OTU111	0	2	0	3	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		
Lachnospiraceae	[Ruminococcus]_gaurvainii_group	OTU564	59	86	75	76	23	16	7	215	21	51	103	44	186	72	26	54	11	5	19	3	30	75	11	64	24	50	17	52	25	55	60	24	1639			
Bacteroidales_S24-7_group	norank_f_Bacteroidales_S24-7_group	OTU114	17	15	2	22	12	0	20	3	0	5	3	3	0	2	1	0	0	1	3	1	8	0	5	3	8	1	5	3	7	3	1	2	159			
Lachnospiraceae	unclassified_f_Lachnospiraceae	OTU503	0	1	5	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2	17	0	99	0	0	0	0	0	0	0	0	0	0	0	148	
Erysipelotrichaceae	Erysipelatoclostridium	OTU262	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18		
norank_o_Mollicutes_RF9	norank_o_Mollicutes_RF9	OTU476	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41		
Christensenellaceae	Christensenellaceae_R-7_group	OTU468	76	0	26	60	213	125	47	147	123	1	4	20	56	29	13	48	75	84	33	89	134	711	78	96	119	319	44	252	3	14	160	63	3262			
Lachnospiraceae	unclassified_f_Lachnospiraceae	OTU506	1	4	2	10	2	7	4	4	0	0	0	2	1	1	0	1	4	4	2	2	16	2	2	1	7	1	10	1	2	1	2	1	4	99		
Erysipelotrichaceae	Faecalibaculum	OTU88	22	25	52	7	14	2	2	4	1	3	3	1	8	0	0	0	9	7	5	2	1	0	0	1	0	2	3	1	0	1	0	0	1	182		
Ruminococcaceae	Ruminococcus_2	OTU372	0	0	0	0	0	1	0	0	122	121	100	54	82	51	60	32	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	632
Ruminococcaceae	unclassified_f_Ruminococcaceae	OTU113	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	10		
Ruminococcaceae	unclassified_f_Ruminococcaceae	OTU111	0	2	0	3	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		
Christensenellaceae	Christensenellaceae_R-7_group	OTU100	1	1	0	2	1	5	1	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	18		
Ruminococcaceae	Anaerotruncus	OTU351	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5		
Defluviitaleaceae	Defluviitaleaceae_UCG-011	OTU90	0	0	0	3	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	9		
Thermoanaerobacteraceae	Gelria	OTU221	0	0	1	0	4	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8		
Bacteroidales_S24-7_group	norank_f_Bacteroidales_S24-7_group	OTU408	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8		
Bacteroidales_S24-7_group	norank_f_Bacteroidales_S24-7_group	OTU252	22	12	9	32	118	16	103	23	17	1	2	0	12	1	2	3	5	86	67	99	10	12	9	6	7	25	17	32	1	4	1	2	2	789		
Lactobacillaceae	Lactobacillus	OTU633	14	33	54	20	29	83	55	68	0	1	0	1	4	12	0	1	14	7	3	8	70	20	19	10	15	24	9	26	9	13	16	16	654			
unclassified_p_Firmicutes	unclassified_p_Firmicutes	OTU520	22	28	20	6	11	5	6	0	0	1	1	2	18	2	4	6	7	0	2	2	15	19	0	1	4	4	4	8	5	2	4	1	210			
norank_o_Mollicutes_RF9	norank_o_Mollicutes_RF9	OTU224																																				

Coriobacteriaceae	unclassified_f_Coriobacteriaceae	OTU655	2	0	2	0	2	0	0	2	0	0	0	0	1	0	0	0	1	0	2	1	0	0	1	0	2	1	3	0	1	2	2	2	27	
Erysipelotrichaceae	Candidatus_Stoquefichus	OTU530	0	0	0	1	0	0	3	1	1	2	2	8	2	2	1	1	0	0	0	2	10	0	10	0	3	0	8	3	5	4	1	70		
Lachnospiraceae	unclassified_f_Lachnospiraceae	OTU58	0	0	6	2	0	4	1	2	1	0	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	0	1	2	0	26			
Lachnospiraceae	norank_f_Lachnospiraceae	OTU337	0	0	0	0	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6			
Bacteroidales_S24-7_group	norank_f_Bacteroidales_S24-7_group	OTU202	12	25	11	58	73	38	73	5	69	32	42	17	43	43	15	39	8	11	1	12	9	14	14	3	3	0	4	8	5	16	3	13	719	
Erysipelotrichaceae	Faecalitalea	OTU47	0	1	0	1	0	11	0	0	1	1	0	3	1	0	0	5	2	0	3	0	0	0	2	0	2	0	1	1	3	0	0	39		
Peptococcaceae	norank_f_Peptococcaceae	OTU473	0	5	5	2	1	0	0	1	3	2	0	0	0	1	5	4	9	4	40	1	8	10	1	1	5	15	0	4	2	10	16	159		
norank_o_Mollucutes_RF9	norank_o_Mollucutes_RF9	OTU640	2	0	0	0	1	3	17	24	1	0	2	0	0	0	1	0	0	1	0	45	0	33	0	4	3	3	5	124	9	5	5	288		
Lachnospiraceae	Marvinbryantia	OTU663	12	7	10	8	1	7	2	49	5	6	30	10	26	6	10	58	183	35	47	5	30	68	12	19	136	155	26	91	1	7	56	11	1129	
Bacteroidales_S24-7_group	norank_f_Bacteroidales_S24-7_group	OTU208	0	0	0	0	3	4	11	1	0	0	0	0	0	0	0	0	0	1	0	9	0	0	0	0	0	0	0	0	0	0	0	0	29	
Bacteroidales_S24-7_group	norank_f_Bacteroidales_S24-7_group	OTU335	1	1	0	6	0	0	0	0	1	3	5	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	20	
Ruminococcaceae	Ruminococcaceae_UCG-005	OTU194	0	7	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11		
Ruminococcaceae	[Eubacterium]_coprostanoligenes_group	OTU461	0	0	0	0	11	96	14	0	0	0	0	0	51	0	2	19	0	0	31	0	38	1	53	2	8	1	0	0	0	8	102	437		
unclassified_k_norank	unclassified_k_norank	OTU423	8	5	18	3	4	11	3	3	1	5	1	3	5	5	5	2	16	21	18	6	4	6	10	12	36	20	24	11	15	7	16	320		
Ruminococcaceae	Ruminococcaceae_UCG-005	OTU573	6	8	9	1	4	3	6	5	17	5	8	10	10	2	4	12	9	2	8	6	10	1	1	4	7	1	5	0	2	4	5	185		
Lachnospiraceae	Lachnospiraceae	OTU183	6	4	4	25	13	38	10	6	2	5	0	5	10	5	1	2	0	23	12	11	13	52	34	11	17	3	9	31	55	3	14	0	3	417
Ruminococcaceae	[Eubacterium]_coprostanoligenes_group	OTU338	18	2	11	48	7	57	2	1	64	79	72	16	14	18	0	0	74	12	23	116	10	4	0	17	10	17	46	16	23	0	1	778		
norank_o_Gastranaerophilales	norank_o_Gastranaerophilales	OTU153	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	11		
Desulfuobirionaceae	Desulfuobirion	OTU149	0	1	0	53	9	33	54	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	1	14	7	0	0	0	225	
Lactobacillaceae	Lactobacillus	OTU545	53	48	194	22	89	157	83	91	1	12	5	8	6	9	1	1	126	175	104	69	100	98	136	95	192	85	142	77	206	88	147	197	2817	
Ruminococcaceae	Ruminococcaceae_UCG-004	OTU658	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	42	0	44	
Ruminococcaceae	Ruminococcaceae_UCG-014	OTU63	45	39	16	15	4	22	5	1	169	248	393	96	24	270	0	24	155	5	10	37	22	15	256	18	198	4	547	445	710	48	3	153	3997	
Lactobacillaceae	Lactobacillus	OTU585	47	13	12	3	1	10	7	8	1	4	7	5	0	0	0	0	11	23	24	9	29	29	14	27	22	20	23	20	19	29	22	21	1667	
Erysipelotrichaceae	unclassified_f_Erysipelotrichaceae	OTU602	1	1	3	0	3	8	0	3	0	0	0	1	0	0	0	0	1	1	1	5	4	5	1	3	1	7	11	4	2	1	5	73		
Lachnospiraceae	Blautia	OTU19	18	50	23	59	3	0	9	67	19	4	6	13	50	6	1	6	30	9	17	11	39	18	8	17	52	58	11	11	1	7	62	9	694	
Lachnospiraceae	[Eubacterium]_xylophilum_group	OTU622	5	106	26	211	5	16	25	21	2	0	1	2	0	15	2	5	6	2	18	12	4	11	1	3	3	28	36	24	5	6	23	8	632	
Clostridiales_vadinBB60_group	norank_f_Clostridiales_vadinBB60_group	OTU80	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	
Ruminococcaceae	Ruminococcaceae_UCG-002	OTU37	0	5	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	
Ruminococcaceae	Ruminococcaceae_UCG-005	OTU118	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	7
Ruminococcaceae	Ruminococcaceae_UCG-005	OTU673	48	15	12	13	8	11	3	40	13	12	0	18	5	16	0	8	38	11	23	9	23	22	18	25	23	82	36	56	36	43	106	83	856	
Rikenellaceae	Alistipes	OTU283	3	15	1	16	1	3	13	5	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	2	1	0	0	0	0	0	64	
Bacteroidales_S24-7_group	norank_f_Bacteroidales_S24-7_group	OTU144	2	4	6	3	2	0	0	0	5	6	5	0	1	1	0	0	0	2	1	3	2	2	4	0	0	0	0	1	1	3	0	1	55	
Lactobacillaceae	Lactobacillus	OTU333	30	12	32	1	6	6	3	13	11	42	30	32	57	42	17	17	17	18	15	2	29	15	20	26	27	5	12	11	8	12	15	16	599	
Coriobacteriaceae	Lactobacillus	OTU52	7	24	5	21	11	1	14	6	0	1	0	0	0	0	0	0	1	6	0	0	3	0	0	0	0	1	4	2	0	1	0	3	112	
Bacteroidales_S24-7_group	norank_f_Bacteroidales_S24-7_group	OTU392	33	7	33	21	0	0	0	0	21	30	50	116	43	7	29	86	2	5	2	9	1	0	0	0	0	4	0	5	3	0	1	0	511	
unclassified_p_Firmicutes	unclassified_p_Firmicutes	OTU8	6	27	8	12	12	13	5	36	1	4	6	2	5	6	6	5	10	4	7	14	18	5	16	7	4	3	2	0	0	4	4	252		
Ruminococcaceae	Anaerotruncus	OTU81	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5
Ruminococcaceae	Ruminococcaceae	OTU403	0	2	1	3	12	23	10	2	7	0	1	2	1	4	1	3	1	0	6	5	0	0	3	1	0	0	0	0	1	10	7	0	1	107
Ruminococcaceae	Candidatus_Soleaferrea	OTU565	4	1	10	1	4	3	14	18	1	2	1	2	2	1	1	0	3	1	5	2	1	4	2	2	8	3	1	9	2	9	4	5	126	
Lactobacillaceae	Lactobacillus	OTU159	1	1	4	0	0	8	1	1	8	7	1	1	3	1	0	2	1	2	3	1	7	5	9	6	3	0	3	3	3	5	3	1	94	
Bacteroidales_S24-7_group	norank_f_Bacteroidales_S24-7_group	OTU555	8	32	11	19	23	1	28	6	1	0	1	0	1	0	0	0	1	1	0	0	0	13	4	0	6	0	21	9	3	5	12	1	14	221
Lactobacillaceae	Lactobacillus	OTU205	245	16	146	9	16	54	7	16	14	68	27	34	95	33	61	43	40	338	201	107	51	189	259	211	415	68	226	184	351	170	148	130	3972	
unclassified_p_Firmicutes	unclassified_p_Firmicutes	OTU133	0	9	1	3	23	13	12	25	0	0	0	0	0	0	0	0	0	0	0	0	13	7	3	1	1	0	1	0	1	0	1	1	115	
Lactobacillaceae	Bacteroides	OTU241	0	0	0	0	11	0	16	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	
Christensenellaceae	Christensenella	OTU27	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0
Ruminococcaceae	Anaerotruncus	OTU445	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Lachnospiraceae	unclassified_f_Lachnospiraceae	OTU589	0	3	0	0	1	6	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	1	7	2	1	6	38		
Bacteroidales_S24-7_group	norank_f_Bacteroidales_S24-7_group	OTU246	0	0	0	0	0	0	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9
Ruminococcaceae	norank_f_Ruminococcaceae	OTU400	3	11	6	2	2	0	5	16	8	16	17	0	24	7	5	2	7	2	2	3	3	0	0	1	4	2	9	1	4	5	1	170		
Peptococcaceae	norank_f_Peptococcaceae	OTU657	0	0	2	6	6	11	2	8	0	0	0	2	0	1	0	0	0	0	0	0	2	1	1	1	1	1	1	2	1	2				

