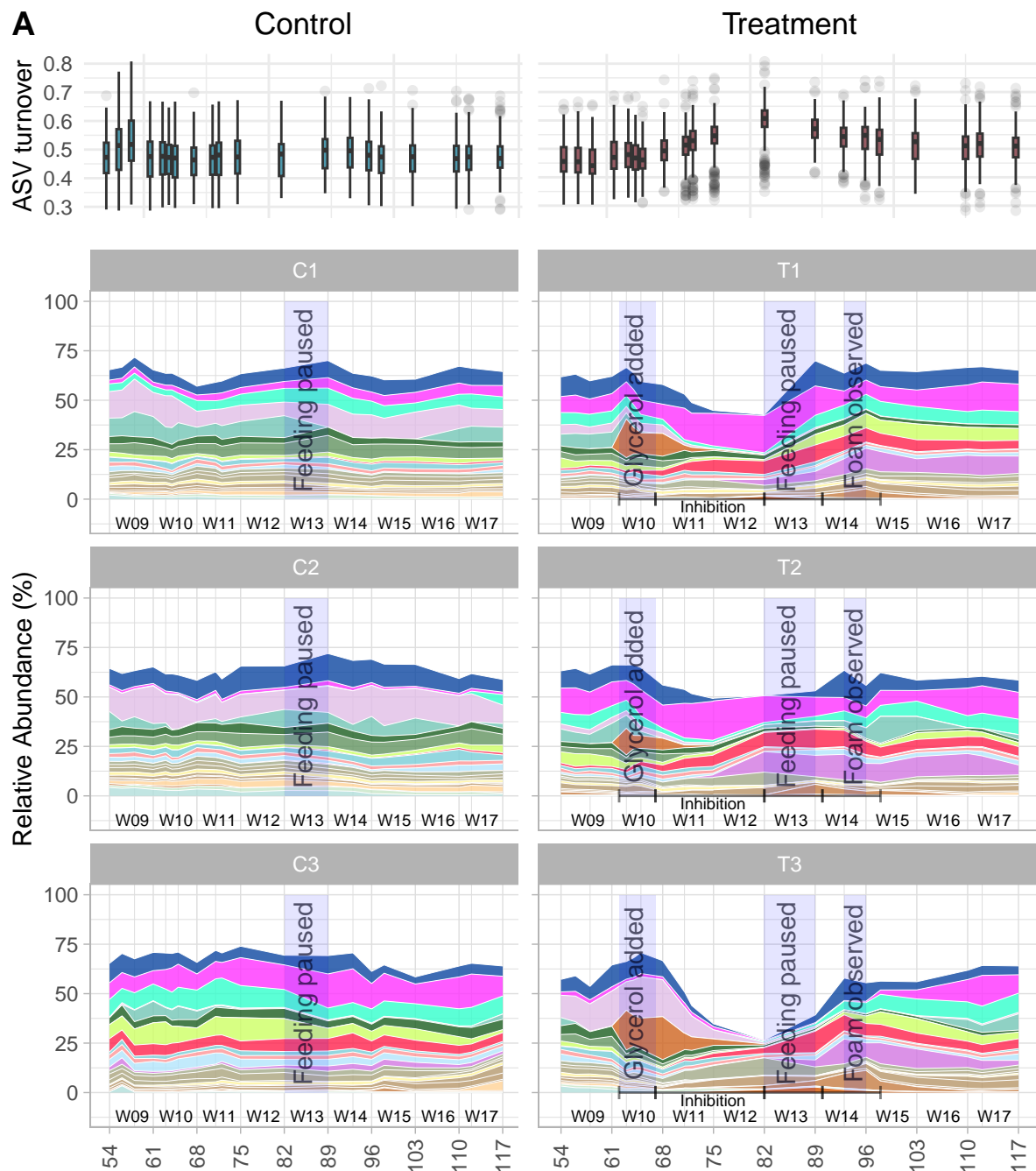


A

- Lentimicrobiaceae; Lentimicrobium
- Cloacimonadaceae; W5
- Methanosarcinaceae; Methanosarcina
- Cloacimonadaceae; Ca_Cloacimonas
- Hungateiclostridiaceae; midas_g_630
- Selenomonadaceae; Selenomonas
- Anaerolineaceae; midas_g_156
- midas_f_944; midas_g_944
- Fervidobacteriaceae; Fervidobacterium
- Synergistaceae; Acetomicrobium
- Spirochaetaceae; midas_g_1408
- Mycobacteriaceae; Mycobacterium
- Dysgonomonadaceae; Proteiniphilum
- Coprothermobacteraceae; Coprothermobacter
- Peptostreptococcaceae; Romboutsia
- midas_f_13; midas_g_13
- Sedimentibacteraceae; Sedimentibacter
- Caldatribacteriaceae; Ca_Caldatribacterium
- midas_f_112; midas_g_112
- Syntrophomonadaceae; Syntrophomonas
- Clostridiaceae; Clostridium_sensu_stricto_1
- midas_f_546; midas_g_657
- Hungateiclostridiaceae; Ruminiclostridium
- Anaerolineaceae; Anaerolinea
- Methanosaetaceae; Methanothrix
- Ethanoligenenaceae; midas_g_87486

B

Control											Treatment											Foam			
3	5	5	5	4	5	6	6	9	8	7	9	7	8	8	8	13	14	11	9	5	5	5	2	Cloacimonadota; W5	
6	6	6	5	4	5	6	6	6	9	7	10	8	10	11	10	7	1	0	7	12	10	1	7	Bacteroidota; Lentimicrobium	
11	11	12	11	7	7	8	6	9	11	10	9	7	9	10	9	6	2	0	1	0	0	0	0	0	Cloacimonadota; Ca_Cloacimonas
4	4	4	4	5	6	6	6	5	5	5	5	4	4	4	2	1	1	1	3	6	6	1	5	Halobacterota; Methanosarcina	
2	2	2	2	2	2	2	2	3	3	2	1	1	1	2	2	3	5	6	10	8	7	5	6	Synergistota; Acetomicrobium	
5	5	5	4	3	4	5	4	5	4	3	3	4	3	3	2	1	1	0	2	3	4	1	3	Thermotogota; Fervidobacterium	
4	3	3	4	5	5	4	4	4	4	4	4	4	2	2	2	4	3	2	2	1	1	2	2	Chloroflexi; midas_g_156	
4	3	3	3	3	4	5	4	6	5	5	5	3	4	4	4	1	0	0	0	0	0	0	0	Chloroflexi; midas_g_944	
0	0	0	0	0	0	0	0	0	0	0	0	0	20	13	12	14	4	2	0	0	0	0	0	Firmicutes; Selenomonas	
7	5	5	6	3	3	4	8	0	1	4	6	4	3	1	0	0	0	0	0	0	1	2	0	0	Firmicutes; midas_g_630
2	2	1	1	2	2	2	2	2	2	3	2	1	1	1	2	3	4	5	6	3	2	2	4	4	Firmicutes; Romboutsia
0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	5	6	11	9	7	10	Coprothermobacterota; Coprothermobacter	
2	3	3	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	1	1	0	0	0	0	0	Spirochaetota; midas_g_1408
3	3	3	3	3	3	3	3	2	2	2	2	1	1	1	1	1	1	0	2	2	2	0	1	0	Bacteroidota; Proteiniphilum
2	2	2	1	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	1	1	1	2	1	1	Actinobacteriota; Mycobacterium
2	2	2	2	2	2	2	2	2	3	3	2	1	1	1	1	1	0	0	0	0	1	0	0	0	Firmicutes; midas_g_13
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	1	1	1	3	3	Firmicutes; Clostridium_sensu_stricto_1	
2	2	2	2	3	2	2	2	2	1	1	2	2	1	1	1	0	0	0	0	0	0	0	0	0	Firmicutes; Sedimentibacter
1	1	1	1	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	Caldatribacteriota; Ca_Caldatribacterium
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	Firmicutes; midas_g_87486
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3	5	5	1	4	Firmicutes; Ruminiclostridium	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	Firmicutes; midas_g_112
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	2	3	0	1	Firmicutes; Syntrophomonas
2	1	1	2	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	Halobacterota; Methanothrix
1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	Chloroflexi; Anaerolinea
1	1	1	1	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	Patescibacteria; midas_g_657
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	4	0	0	0	1	0	0	Firmicutes; Sporanaerobacter
1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	Firmicutes; midas_g_606
1	1	1	1	1	1	0	1	0	0	1	1	0	0	1	1	1	1	1	0	1	1	0	0	0	Firmicutes; Butyrivibrio
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	2	3	0	1	0	Firmicutes; Clostridium_sp._JC3
30	32	32	32	37	33	29	29	27	27	29	28	26	26	28	33	39	49	56	40	33	34	51	43	Remaining taxa (1392)	
61	63	64	65	68	71	75	82	89	93	96	61	63	64	65	68	71	75	82	89	93	96	93	96		