

Taxon	DM_1	DM_10	DM_2	DM_3	DM_4	DM_5	DM_6	DM_7	DM_8	DM_9
Phascolarctobacterium	0.004357	0.005228	0.03495	0.001259	0.179737	0.134524	0.001404	0.032046	0.07508	0.077065
Ruminococcus_2	0	0	0	0	0	0	0	0	0	0
Ruminiclostridium_6	0	0	0	4.84E-05	0	0	4.84E-05	0	0	0
Mollicutes_RF9_norank	0	0	4.84E-05	0	0	0	4.84E-05	0	4.84E-05	0
Ruminococcaceae_UCG-013	4.84E-05	0.000145	0.000678	0.000436	0.000145	0.000339	0.000678	0.000145	0.000581	0.000145
Intestinimonas	9.68E-05	4.84E-05	0.000242	0	0.000145	4.84E-05	0.000339	4.84E-05	0.000194	4.84E-05
Candidatus_Stoquefichus	0.005615	0.005276	0.002178	0.005228	0.001888	0.003243	0.002856	0.004696	0.006438	0.006632
Ruminococcaceae_UCG-014	0.000339	0.000145	0.00092	0.000387	0.000871	9.68E-05	0.001985	0.000339	0.000484	0.000678
Bacteroides	0.265853	0.184142	0.220302	0.134669	0.160422	0.319344	0.162697	0.09817	0.213477	0.236615
Ruminococcus_1	0.00334	0.003098	0.001065	0.011279	0.000145	0	0.003727	0.006293	0.003582	0.001597
Faecalibacterium	0.007745	0.000532	0.002614	0.001065	0.001888	0.003534	0.004696	0.003969	0.015297	0.015248
Christensenellaceae_R-7_group	0	0	0.000678	0.000436	0.000242	0.000145	0.00029	4.84E-05	0.000823	0.000823
Tyzzerella	0	0	4.84E-05	0	0	0	0	0	0	0
Alloprevotella	0.007697	0.02735	0.016507	0.046374	0.054652	0.082099	0.012586	0.076338	0.141834	0.147981
Anaerovorax	0	9.68E-05	0.000145	0.000194	4.84E-05	4.84E-05	4.84E-05	0	4.84E-05	0.000242
Clostridiales_vadinBB60_group_norank	0	4.84E-05	4.84E-05	0.000436	0	0	0.000145	4.84E-05	0.000242	0.000242
Anaeroplasma	0	0	0	0	0	0	0	0	0	0
Lachnospiraceae_NK4A136_group	9.68E-05	0.002033	0.002372	0.004163	9.68E-05	0.000484	0.01186	9.68E-05	0.001065	0.000242
Ruminococcaceae_unclassified	0.003389	0.001259	0.004211	0.002759	0.007067	0.00305	0.00213	0.001597	0.003292	0.002759
Bacteroidales_S24-7_group_norank	0.050537	0.100252	0.114145	0.145803	0.201568	0.112596	0.08268	0.084907	0.152967	0.131765
Sutterella	0.044244	0.000775	0.015829	0.001888	0.000242	0.004018	0.007067	0.008713	0.002662	0.003195
Papillibacter	0	0	0	0	0	0	4.84E-05	0	0	0
Peptococcus	0	0	0	0	0	0	4.84E-05	0	0	4.84E-05
Bacteroidetes_unclassified	0	0	0	4.84E-05	0	4.84E-05	4.84E-05	0	4.84E-05	0.000436
Lachnospiraceae_uncultured	0.002178	0.002614	0.002953	0.005664	0.000823	0.001113	0.008374	0.000678	0.001017	0.000968
Holdemania	0.000339	0.000339	0	0.000484	0.00029	0.000194	9.68E-05	0.000242	0.00029	0.000194
Candidatus_Saccharimonas	0	0	0	0	0	0	0	0	0	0
Ruminococcaceae_UCG-010	0.000194	0.000242	0.00121	0.000242	4.84E-05	9.68E-05	0.000194	9.68E-05	0.000775	0.000823
Pseudoflavonifractor	0.000387	4.84E-05	0.002904	0.00029	0.000532	0.001307	0.000387	0.000145	0.000581	0.00029
Ruminococcaceae_UCG-005	0.001113	0.00242	0.006438	0.006196	0.001452	0.005664	0.001162	0.000775	0.006583	0.006245
Elusimicrobium	0	0.00029	4.84E-05	0.001113	0	4.84E-05	9.68E-05	4.84E-05	0.00029	0.000387
Parabacteroides	0.013312	0.004357	0.016023	0.003873	0.006874	0.011618	0.007067	0.00426	0.011811	0.015006
[Eubacterium]_ventriosum_group	0	0	0	0	0	0	0	0	0.000145	0
Anaerofustis	0.00029	0	0.000339	0.000242	0.000242	0.000339	0	0.00029	9.68E-05	0.000145

Subdoligranulum	0.001936	0.004599	0.00029	0.004744	0.011618	0.003824	0.00121	0.006583	0.001597	0.001791
Lachnospiraceae_UCG-010	0.010166	0.000242	0.004357	0.000581	0.005083	0.004453	0.001404	0.00242	0.001743	0.002275
Porphyromonadaceae_unclassified	0.000145	9.68E-05	0.000387	0.000242	0.000194	0.000145	9.68E-05	4.84E-05	4.84E-05	9.68E-05
Lachnospiraceae_unclassified	0.081518	0.032239	0.050441	0.069949	0.019653	0.018734	0.056637	0.060461	0.018201	0.017911
Acetatifactor	0	0	0	0	0	0	0	0	0	0
Butyrivibrio	0	0	0	0	0	0	0	0	0	0
[Eubacterium]_hallii_group	0.003582	0.001501	0.001259	0.001936	0.003292	0.000194	0.00121	0.002953	0.001259	0.001113

Taxon	NC_1	NC_10	NC_2	NC_3	NC_4	NC_5	NC_6	NC_7	NC_8	NC_9
Phascolarctobacterium	0	0	0	0	0	0	0	0	0	0
Ruminococcus_2	0.000436	0.001646	0.001743	0.00029	0.002759	0.000678	0.001259	0.000387	0.004792	0.003243
Ruminiclostridium_6	0.006777	0.005567	0.004938	0.008762	0.00334	0.003873	9.68E-05	0.012634	0.004792	0.004453
Mollicutes_RF9_norank	0.004647	0.003485	0.00305	0.002324	0.005373	0.00121	0.001355	0.004308	0.000726	0.00029
Ruminococcaceae_UCG-013	0.003534	0.00242	0.003389	0.002517	0.001355	0.008326	0.001936	0.003873	0.001694	0.001549
Intestinimonas	0.003195	0.001888	0.003824	0.008229	0.002033	0.020525	0.001646	0.005422	0.000678	0.000532
Candidatus_Stoquefichus	0.000194	0.000242	9.68E-05	0	0.000242	0	4.84E-05	0	0.000678	0.001646
Ruminococcaceae_UCG-014	0.008859	0.012973	0.016846	0.002469	0.009633	0.015394	0.009197	0.007745	0.016071	0.013796
Bacteroides	0.023574	0.04497	0.019799	0.009778	0.053877	0.067286	0.067383	0.073289	0.034466	0.028512
Ruminococcus_1	0.01186	0.019605	0.025027	0.047536	0.01278	0.026721	0.015248	0.030739	0.01336	0.018008
Faecalibacterium	4.84E-05	9.68E-05	9.68E-05	0	4.84E-05	4.84E-05	0	9.68E-05	0	0.000629
Christensenellaceae_R-7_group	0.005712	0.00305	0.003727	0.000968	0.003389	0.007697	0.000581	0.001694	0.00305	0.004115
Tyzzerella	0.000532	0.000629	0.000871	0.000629	9.68E-05	0.000436	0.001065	0.000145	0	4.84E-05
Alloprevotella	0.004696	0.003873	0.002469	0.008278	0.000436	0.000678	0.001694	0.001743	0.008132	0.016459
Anaerovorax	0.000387	0.000532	0.000726	0.000436	9.68E-05	0.001162	0.000726	0.000726	0.000387	0.000194
Clostridiales_vadinBB60_group_norank	0.002808	0.000581	0.000387	0.000339	0.000242	0.000581	0.000775	0.001162	0.00213	0.000387
Anaeroplasma	0.000968	0.000194	0.000194	9.68E-05	0.000242	0	0.000484	0.000871	9.68E-05	0
Lachnospiraceae_NK4A136_group	0.024591	0.018588	0.013554	0.02585	0.003001	0.038387	0.008132	0.028996	0.01094	0.011134
Ruminococcaceae_unclassified	0.016991	0.009439	0.007358	0.013264	0.003631	0.013409	0.00426	0.010746	0.01762	0.003776
Bacteroidales_S24-7_group_norank	0.35715	0.267887	0.307145	0.184045	0.302353	0.241408	0.165795	0.368429	0.14832	0.164246
Sutterella	4.84E-05	0.000436	0.000242	0	4.84E-05	0	0.000484	0	0.001259	0.001839
Papillibacter	0.00029	0.00029	9.68E-05	0.000484	0.000194	0.000194	0	0.000387	0.000194	0
Peptococcus	9.68E-05	4.84E-05	4.84E-05	0.000242	0	0.000726	4.84E-05	0.000242	4.84E-05	9.68E-05
Bacteroidetes_unclassified	0.000581	0.000387	0.000194	0.000387	0.000242	0.00029	0.000194	0.00092	0.000145	0.00029
Lachnospiraceae_uncultured	0.009149	0.010311	0.007842	0.009197	0.002759	0.012586	0.006922	0.015636	0.007552	0.003969
Holdemania	4.84E-05	0	4.84E-05	0	0	0	9.68E-05	0	9.68E-05	0.000145
Candidatus_Saccharimonas	9.68E-05	0.000194	0.000145	0.000194	4.84E-05	0	4.84E-05	0.00029	0	0
Ruminococcaceae_UCG-010	0.005325	0.002517	0.002953	0.004357	0.000629	0.004938	0.000775	0.00576	0.00092	0.000436
Pseudoflavonifractor	0	0.000145	4.84E-05	0.000194	0	0.00029	0	9.68E-05	0.000194	0
Ruminococcaceae_UCG-005	0.011811	0.030981	0.071982	0.003776	0.019992	0.009391	0.008132	0.003679	0.024639	0.013893
Elusimicrobium	0.00092	0.001549	0.001113	0.000532	0.000775	0.000194	0.000339	0.000968	0.001355	0.001646
Parabacteroides	0.004018	0.003969	0.002275	0.001113	0.009343	0.002178	0.002759	0.003873	0.002614	0.00455
[Eubacterium]_ventriosum_group	0	0.000145	0.000242	0.000145	9.68E-05	0	0.00029	0.000436	0.000436	4.84E-05
Anaerofustis	0	4.84E-05	0	0	0	0	0	0	4.84E-05	9.68E-05

Subdoligranulum	0	0.000242	0.000484	0	0.000339	0	0.000194	0	0.001888	0.004163
Lachnospiraceae_UCG-010	9.68E-05	0.001162	4.84E-05	4.84E-05	0.000194	0.001065	0.000194	4.84E-05	0.00092	0.003582
Porphyromonadaceae_unclassified	0.000678	0.000581	0.001065	0.000581	0.000726	0.000871	0	0.001936	0.000242	0.000339
Lachnospiraceae_unclassified	0.088489	0.070868	0.092749	0.111627	0.017233	0.109207	0.098703	0.115016	0.067577	0.111095
Acetatifactor	0.000871	9.68E-05	0	0.000775	9.68E-05	0.002082	0	0.001017	0	0
Butyrivibrio	0.001017	0.000823	4.84E-05	0	0.00092	0	0	0	0.000968	0.000242
[Eubacterium]_hallii_group	4.84E-05	0.000339	0.000194	0	4.84E-05	0	0.000242	0	0.001549	0.001404