

WT mice

Prok_MSA #	Taxonomy	P value	Mean WT mice water treated	Mean WT mice CMC-treated	Difference	SE of difference
470487	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.6521	0.0122	0.0078	0.0044	0.0094
2729098	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.5800	1.8400	1.5338	0.3062	0.5310
102480	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.5557	0.2067	0.2928	-0.0860	0.1399
3319464	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.0147	0.3422	0.1125	0.2298	0.0742

Prok_MSA #	Taxonomy	P value	Mean WT mice water treated	Mean WT mice P80-treated	Difference	SE of difference
470487	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.4869	0.0122	0.0048	0.0074	0.0101
2729098	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.1101	1.8400	4.2392	-2.3992	1.3119
102480	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.0338	0.2067	1.1921	-0.9853	0.3744
3319464	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.3400	0.3422	0.5155	-0.1733	0.1693

IL10<sup>-/-</sup> mice

Prok_MSA #	Taxonomy	P value	Mean IL10KO mice water treated	Mean IL10KO mice CMC-treated	Difference	SE of difference
2729098	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.8842	0.0032	0.0038	-0.0006	0.0041
102480	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.0041	0.0058	0.2741	-0.2683	0.0760
3319464	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.5184	0.0310	0.0000	0.0310	0.0466

Prok_MSA #	Taxonomy	P value	Mean IL10KO mice water treated	Mean IL10KO mice P80-treated	Difference	SE of difference
2729098	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.3223	0.0032	0.0000	0.0032	0.0031
102480	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.0083	0.0058	1.5754	-1.5696	0.5048
3319464	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.4677	0.0310	0.0000	0.0310	0.0415

TLR5<sup>-/-</sup> mice

Prok_MSA #	Taxonomy	P value	Mean T5KO mice water treated	Mean T5KO mice CMC-treated	Difference	SE of difference
470487	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.4071	0.0000	0.0037	-0.0037	0.0042
2729098	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.3590	5.2667	2.8476	2.4191	2.4645
102480	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.6951	0.2832	0.1866	0.0965	0.2363
3319464	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.7428	0.0638	0.0497	0.0141	0.0414

Prok_MSA #	Taxonomy	P value	Mean T5KO mice water treated	Mean T5KO mice P80-treated	Difference	SE of difference
470487	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.4816	0.0000	0.0037	-0.0037	0.0049
2729098	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.4341	4.8517	2.8476	2.0040	2.3914
102480	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.2265	0.0000	0.1866	-0.1866	0.1385
3319464	Root; k_Bacteria; p_Proteobacteria; c_Epsilonproteobacteria; o_Campylobacterales; f_Helicobacteraceae; g_Helicobacter; s_	0.2453	0.0117	0.0497	-0.0379	0.0295