

name	rank	Robust	Control		BaF		BaF-LrI			
		FDR_pvalue	mean	SEM	mean	SEM	mean	SEM		
Actinobacteria	phylum	5.15E-004	0.076	0.011	0.024	0.007	0.113	0.033	#	
Bacteroidetes	phylum	1.80E-002	39.041	2.345	29.800	2.169	*	37.767	2.602	
Gammaproteobacteria	class	6.34E-006	0.004	0.001	0.072	0.014	*	0.034	0.011	#
Bacilli	class	6.34E-006	0.936	0.001	0.035	0.014	*	0.074	0.011	*
Actinobacteria	class	5.15E-004	0.076	0.011	0.024	0.007		0.113	0.033	#
Negativicutes	class	8.65E-003	0.006	0.003	0.003	0.001		0.000	0.000	*
Betaproteobacteria	class	1.07E-002	0.084	0.016	0.033	0.007		0.768	0.286	# *
Sphingobacteria	class	1.65E-002	0.004	0.001	0.001	0.000		0.003	0.001	
Deltaproteobacteria	class	1.65E-002	0.595	0.001	0.309	0.000	*	0.289	0.001	*
Bacteroidia	class	1.72E-002	37.584	2.225	28.473	2.119	*	35.901	2.539	
Coriobacteridae	subclass	6.07E-004	0.066	0.010	0.019	0.007	*	0.063	0.017	#
Enterobacteriales	order	6.34E-006	0.004	0.001	0.071	0.014	*	0.033	0.011	#
Lactobacillales	order	6.34E-006	0.934	0.155	0.034	0.012	*	0.072	0.005	*
Coriobacteriales	order	6.07E-004	0.066	0.010	0.019	0.007	*	0.063	0.017	#
Selenomonadales	order	8.65E-003	0.006	0.003	0.003	0.001		0.000	0.000	*
Burkholderiales	order	1.07E-002	0.084	0.016	0.033	0.007		0.767	0.286	# *
Sphingobacteriales	order	1.65E-002	0.004	0.001	0.001	0.000		0.003	0.001	
Desulfovibrionales	order	1.65E-002	0.595	0.076	0.309	0.046	*	0.289	0.037	*
Bacteroidales	order	1.72E-002	37.584	2.225	28.473	2.119	*	35.901	2.539	
Clostridiales	order	4.80E-002	40.589	2.997	36.128	3.716		31.619	1.321	
Coriobacterineae	suborder	6.07E-004	0.066	0.010	0.019	0.007	*	0.063	0.017	#
Enterobacteriaceae	family	6.34E-006	0.004	0.154	0.071	0.013	*	0.033	0.006	#
Lactobacillaceae	family	6.34E-006	0.908	0.154	0.015	0.011	*	0.053	0.006	*
Coriobacteriaceae	family	6.07E-004	0.066	0.010	0.019	0.007	*	0.063	0.017	#
Veillonellaceae	family	3.85E-003	0.006	0.003	0.002	0.001		0.000	0.000	*
Sutterellaceae	family	5.07E-003	0.041	0.008	0.015	0.004		0.258	0.095	# *
Chitinophagaceae	family	1.65E-002	0.004	0.076	0.001	0.046		0.003	0.037	
Desulfovibrionaceae	family	1.90E-002	0.591	0.078	0.309	0.047	*	0.287	0.036	*
Barnesiella	genus	1.82E-012	2.465	0.363	0.436	0.068	*	1.155	0.099	*
Escherichia/Shigella	genus	5.67E-006	0.003	0.001	0.065	0.011	*	0.031	0.010	#
Lactobacillus	genus	6.34E-006	0.906	0.153	0.015	0.011	*	0.053	0.006	*
Anaerotruncus	genus	6.42E-004	0.001	0.001	0.010	0.003	*	0.000	0.000	#
Enterorhabdus	genus	6.89E-004	0.006	0.002	0.001	0.000	*	0.003	0.001	
Parabacteroides	genus	2.67E-003	0.093	0.022	0.498	0.106	*	0.299	0.072	
Blautia	genus	4.33E-003	0.011	0.002	0.005	0.002	*	0.002	0.000	*
Parasutterella	genus	5.07E-003	0.041	0.008	0.015	0.004		0.258	0.095	# *
Clostridium XIVb	genus	1.07E-002	0.046	0.011	0.021	0.007		0.011	0.002	*
Sporobacter	genus	1.39E-002	0.007	0.002	0.026	0.017		0.001	0.000	
Bilophila	genus	1.90E-002	0.585	0.078	0.305	0.046	*	0.284	0.036	*
unclassified_"Bacteroidales"		6.03E-005	16.885	2.120	7.926	0.935	*	14.485	1.707	#
unclassified_"Proteobacteria"		6.03E-005	0.009	0.006	0.112	0.035	*	0.109	0.025	*
unclassified_Bacteria		5.15E-004	6.105	0.758	12.353	1.801	*	11.584	1.461	*
unclassified_Coriobacteriaceae		1.55E-003	0.059	0.009	0.018	0.007		0.060	0.017	
unclassified_Veillonellaceae		3.85E-003	0.006	0.003	0.002	0.001		0.000	0.000	*
unclassified_"Rikenellaceae"		6.84E-003	0.012	0.007	0.005	0.002		0.018	0.003	