



**C**

Taxon	Successful eradication group (n=7)						Not eradicated group (n=14)					
	Pre		Post		Δmean	log2 (fold-change)	Pre		Post		Δmean	log2 (fold-change)
	Mean	SD	Mean	SD			Mean	SD	Mean	SD		
<i>Streptococcus</i>	0.136	0.147	0.086	0.133	-0.049	-0.653	0.032	0.034	0.034	0.042	0.002	0.071
<i>Faecalibacterium</i>	0.035	0.078	0.030	0.020	-0.006	-0.254	0.077	0.092	0.047	0.030	-0.029	-0.701
<i>Lactobacillus</i>	0.095	0.169	0.050	0.130	-0.045	-0.936	0.002	0.003	0.004	0.004	0.002	1.189
<i>Akkermansia</i>	0.070	0.119	0.006	0.017	-0.064	-3.447	0.020	0.059	0.002	0.005	-0.018	-3.246
<i>Dialister</i>	0.022	0.036	0.055	0.070	0.033	1.314	0.048	0.087	0.023	0.056	-0.025	-1.034
<i>Subdoligranulum</i>	0.015	0.026	0.040	0.041	0.024	1.389	0.049	0.070	0.061	0.041	0.012	0.312
<i>Enterococcus</i>	0.055	0.099	0.010	0.026	-0.045	-2.411	0.004	0.009	0.004	0.011	0.001	0.266
<i>Phascolarctobacterium</i>	0.009	0.021	0.002	0.004	-0.007	-2.303	0.034	0.070	0.016	0.032	-0.019	-1.142
<i>Ruminococcaceae UCG-014</i>	0.000	0.000	0.037	0.077	0.037	13.080	0.032	0.062	0.024	0.041	-0.007	-0.383
<i>Prevotella 9</i>	0.010	0.013	0.021	0.043	0.011	1.053	0.020	0.027	0.048	0.062	0.028	1.269
<i>Roseburia</i>	0.002	0.002	0.009	0.012	0.007	2.338	0.027	0.073	0.007	0.007	-0.020	-1.963
<i>Collinsella</i>	0.006	0.008	0.016	0.027	0.010	1.477	0.023	0.028	0.026	0.036	0.003	0.193
<i>[Eubacterium] rectale group</i>	0.007	0.012	0.007	0.005	0.000	0.029	0.017	0.033	0.015	0.022	-0.002	-0.210
<i>Veillonella</i>	0.002	0.003	0.006	0.008	0.004	1.564	0.020	0.024	0.026	0.041	0.005	0.327
<i>Clostridium sensu stricto1</i>	0.015	0.030	0.007	0.007	-0.008	-1.144	0.006	0.006	0.015	0.022	0.009	1.313
<i>[Ruminococcus] torques group</i>	0.003	0.003	0.009	0.010	0.006	1.433	0.013	0.015	0.011	0.011	-0.003	-0.335
<i>Ruminococcaceae UCG-002</i>	0.005	0.008	0.004	0.006	-0.001	-0.333	0.011	0.021	0.008	0.010	-0.003	-0.500
<i>Blautia</i>	0.010	0.011	0.003	0.001	-0.007	-1.654	0.005	0.003	0.004	0.004	-0.001	-0.219
<i>Ruminococcaceae UCG-013</i>	0.010	0.016	0.005	0.005	-0.005	-0.979	0.004	0.004	0.012	0.011	0.008	1.646
<i>Lachnospirillum</i>	0.004	0.004	0.010	0.011	0.007	1.491	0.010	0.013	0.012	0.008	0.002	0.232
<i>Holdemanella</i>	0.002	0.004	0.000	0.000	-0.001	-3.309	0.012	0.032	0.012	0.023	0.000	0.019
<i>Intestinibacter</i>	0.009	0.013	0.017	0.024	0.008	0.899	0.004	0.004	0.018	0.029	0.014	2.292
<i>Prevotella 7</i>	0.011	0.029	0.000	0.000	-0.011	-8.863	0.001	0.002	0.002	0.007	0.002	2.018
<i>Megasphaera</i>	0.000	0.000	0.000	0.000	0.000	1.452	0.011	0.031	0.001	0.002	-0.010	-4.391
<i>Weissella</i>	0.008	0.017	0.001	0.000	-0.008	-4.025	0.002	0.004	0.001	0.001	-0.001	-1.033
<i>Lachnospiraceae NK4A136 group</i>	0.007	0.011	0.009	0.012	0.002	0.408	0.003	0.003	0.022	0.050	0.020	3.141
<i>Eggerthella</i>	0.007	0.014	0.011	0.023	0.005	0.760	0.001	0.002	0.001	0.001	0.000	-0.357
<i>Barnesiella</i>	0.000	0.000	0.003	0.008	0.003	3.718	0.005	0.016	0.011	0.021	0.006	1.013

Supplemental Fig. 3. Changes of (A) IL-1β and (B) MDA, all measured by ELISA.