

Additional File 3

		Bacterial Isolates Identified After Sorting											
Replicate	Gate	<i>Streptococcus</i> sp.	<i>Rhodococcus</i> sp.	<i>Dietzia</i> sp.	<i>Bradyrhizobium</i> sp.	<i>Escherichia</i> or <i>Shigella</i>	<i>Lactobacillus acidophilus</i>	<i>Lactobacillus delbrueckii</i>	<i>Corynebacterium</i> sp.	<i>Rhizobium</i> sp.	<i>Bacillus</i> sp.	<i>Variovorax</i> sp.	Total
A	P1	18	4	0	0	1	4	1	0	0	0	1	29
	P2	18	1	0	0	0	0	2	1	0	0	0	22
	P3	2	2	1	1	0	17	1	0	0	0	0	24
B	P1	23	0	0	0	0	0	2	0	0	1	0	26
	P2	24	0	0	0	0	0	0	0	0	0	0	24
	P3	0	0	0	0	0	4	0	0	0	0	0	4
C	P1	17	0	0	0	0	0	2	0	0	0	0	19
	P2	13	0	0	0	0	0	0	0	0	0	0	13
	P3	0	0	0	0	0	6	0	0	0	0	0	6
D	P1	28	0	0	0	0	0	1	0	1	0	0	30
	P2	35	0	0	0	0	0	0	0	0	0	0	35
	P3	1	0	0	0	0	11	0	0	0	0	0	12

Bacteria identified in various gates after single cell sorting and classification. Approximately 88 cells were sorted from each gate for each replicate. Species identities reported at >94% maximum identity by Blastn search of the 16S rDNA sequences. Replicates are different bacteria preps isolated from yogurt cultures and the gates correspond to gates shown in Fig. 4 of the main text.