

Supplementary table VIII. Bacterial species detected by NGS in nine controls.

C1	C2	C3	C4	C5					
Number of reads:178739	Number of reads:185748	Number of reads:170630	Number of reads:194306	Number of reads:195484					
Sequences joined:93,5%	Sequences joined:94,6%	Sequences joined:94,6%	Sequences joined:94,8%	Sequences joined:95,5%					
<i>Methylobacteriaceae</i>	26.5	<i>Comamonadaceae</i>	19.2	<i>Methylobacteriaceae</i>	15.0	<i>Methylobacteriaceae</i>	22.7	<i>Methylobacteriaceae</i>	23.2
<i>SMB53</i>	7.4	<i>Methylobacteriaceae</i>	18.0	<i>Cupriavidus</i>	11.9	<i>Cupriavidus</i>	15.7	<i>Arthrobacter oxydans</i>	10.4
<i>Prevotella stercorea</i>	7.4	<i>Bradyrhizobiaceae</i>	8.1	<i>Acidovorax defluvii</i>	8.5	<i>Comamonadaceae</i>	7.9	<i>Cupriavidus</i>	7.3
<i>Bifidobacterium adolescentis</i>	7.2	<i>Cupriavidus</i>	6.4	<i>Sphingomonas</i>	7.7	<i>Sphingomonadales</i>	6.8	<i>Comamonadaceae</i>	6.4
<i>Cupriavidus</i>	5.8	<i>Dialister</i>	4.8	<i>Azospira</i>	6.8	<i>Azospira</i>	5.3	<i>Paracoccus</i>	6.0
<i>Prevotella copri</i>	4.5	<i>Sphingomonas</i>	3.5	<i>Roseburia</i>	4.8	<i>Bacteroidales</i>	4.4	<i>Bifidobacterium adolescentis</i>	5.8
<i>Sutterella</i>	3.6	<i>Methylobacterium</i>	3.2	<i>Acinetobacter</i>	3.2	<i>Bradyrhizobiaceae</i>	3.5	<i>Zoogloea</i>	5.7
<i>Bradyrhizobiaceae</i>	3.6	<i>Azospira</i>	3.1	<i>Prevotella copri</i>	3.1	<i>Dorea</i>	2.7	<i>Bradyrhizobiaceae</i>	5.2
<i>Anaerococcus</i>	3.2	<i>Streptophyta</i>	2.5	<i>Pseudomonas fragi</i>	2.9	<i>Christensenellaceae</i>	2.4	<i>Acidovorax defluvii</i>	4.5
<i>Roseburia</i>	2.6	<i>Sedimentibacter</i>	2.2	<i>Ruminococcus</i>	2.9	<i>Methylobacterium</i>	2.3	<i>Azospira</i>	3.6
<i>Comamonadaceae</i>	2.6	<i>Carludovica palmata</i>	2.1	<i>Bradyrhizobiaceae</i>	2.8	<i>Acidovorax defluvii</i>	2.1	<i>Prevotella</i>	3.1
<i>Azospira</i>	2.4	<i>Halomonas</i>	2.1	<i>Prevotella</i>	2.6	<i>Rhodovarius lipocyclicus</i>	1.8	<i>Enhydrobacter</i>	2.9
<i>Faecalibacterium prausnitzii</i>	2.0	<i>MLE1-12</i>	1.9	<i>Ruminococcaceae</i>	2.4	<i>Sphingomonas</i>	1.7	<i>Citrobacter</i>	1.9
<i>Pseudomonas fragi</i>	1.9	<i>Bacteroides</i>	1.5	<i>Methylobacterium</i>	2.0	<i>Veillonella dispar</i>	1.6	<i>Comamonadaceae</i>	1.6
<i>Sphingomonadales</i>	1.7	<i>Comamonadaceae</i>	1.4	<i>Sphingomonadales</i>	1.9	<i>Propionibacterium acnes</i>	1.6	<i>Methylobacterium</i>	1.4
<i>Betaproteobacteria</i>	1.5	<i>Zoogloea</i>	1.2	<i>Prevotella stercorea</i>	1.6	<i>Anaerococcus</i>	1.4	<i>Staphylococcus</i>	1.1
<i>Bifidobacterium longum</i>	1.5	<i>Arthrobacter oxydans</i>	1.2	<i>Anaerococcus</i>	1.4	<i>Acetobacteraceae</i>	1.2		
<i>Nocardioideae</i>	1.3	<i>Corynebacterium</i>	1.2	<i>Rhizobiales</i>	1.3	<i>Staphylococcus</i>	1.1		
<i>Sphingomonas</i>	1.2	<i>Lachnospiraceae</i>	1.2	<i>Comamonadaceae</i>	1.3	<i>Rhizobiales</i>	1.0		
<i>Faecalibacterium</i>	1.0	<i>Roseburia</i>	1.1	<i>Ellin6075</i>	1.1				
		<i>Lactobacillus iners</i>	1.0	<i>Corynebacterium</i>	1.0				
				<i>Rhizobiales</i>	1.0				

C6	C7	C8	C9
Number of reads:	Number of reads:178416	Number of reads:1666641	Number of reads:205914
Sequences joined:95,2%	Sequences joined:93,9%	Sequences joined:95,4%	Sequences joined:93,8%
<i>Methylobacteriaceae</i>	17.0	<i>Methylobacteriaceae</i>	23.2
<i>Cupriavidus</i>	14.0	<i>Azospira</i>	14.4
<i>Bradyrhizobiaceae</i>	7.3	<i>Bradyrhizobiaceae</i>	5.6
<i>Lachnospiraceae</i>	5.5	<i>Cupriavidus</i>	5.5
<i>Cerasicoccaceae</i>	5.5	<i>Sutterella</i>	4.9
<i>Parabacteroides</i>	4.6	<i>Streptococcus</i>	4.6
<i>Zoogloea</i>	4.3	<i>Comamonadaceae</i>	4.4
<i>Lachnospira</i>	4.1	<i>Sphingomonadales</i>	4.2
<i>Comamonadaceae</i>	3.7	<i>Sphingomonas</i>	4.1
<i>Acidovorax defluvii</i>	3.3	<i>Succinivibrio</i>	4.0
<i>Bacteroides</i>	3.2	<i>Acidovorax defluvii</i>	3.6
<i>Faecalibacterium prausnitzii</i>	2.9	<i>Staphylococcus</i>	2.2
<i>Prevotella copri</i>	2.6	<i>Arthrobacter oxydans</i>	2.0
<i>Azospira</i>	2.6	<i>Zoogloea</i>	1.7
<i>Clostridiales</i>	2.2	<i>Citrobacter</i>	1.3
<i>Sphingomonadales</i>	1.7	<i>Corynebacterium</i>	1.1
<i>Rhodoplanes elegans</i>	1.5	<i>Propionibacterium acnes</i>	1.1
<i>Rhizobiales</i>	1.5		
<i>Streptophyta</i>	1.5		
<i>Comamonadaceae</i>	1.0		
		<i>Cupriavidus</i>	16.2
		<i>Methylobacteriaceae</i>	10.9
		<i>Bradyrhizobiaceae</i>	10.3
		<i>Phaeospirillum</i>	6.9
		<i>Comamonadaceae</i>	5.8
		<i>Azospira</i>	4.6
		<i>Prevotella copri</i>	4.4
		<i>Ruminococcaceae</i>	3.6
		<i>Bacteroides</i>	3.5
		<i>Streptophyta</i>	3.3
		<i>T78</i>	2.9
		<i>Veillonella dispar</i>	2.3
		<i>Rhizobiales</i>	2.2
		<i>Zoogloea</i>	2.2
		<i>Sphingomonadales</i>	2.1
		<i>Arthrobacter oxydans</i>	1.9
		<i>Ralstonia</i>	1.7
		<i>Bosea genosp</i>	1.5
		<i>Corynebacterium</i>	1.4
		<i>Eubacterium bifforme</i>	1.3
		<i>Pseudomonas fragi</i>	1.0
		<i>Enterococcus cecorum</i>	31.1
		<i>Corynebacterium</i>	11.5
		<i>Planococcaceae</i>	6.7
		<i>Cloacibacterium</i>	5.9
		<i>Dokdonella</i>	3.9
		<i>Sphingomonadales</i>	3.5
		<i>Microbacteriaceae</i>	3.5
		<i>Enhydrobacter</i>	3.0
		<i>EW055</i>	2.8
		<i>Arthrobacter oxydans</i>	2.7
		<i>Planctomyces</i>	2.5
		<i>SR1</i>	2.4
		<i>Ruminococcus</i>	2.2
		<i>Ralstonia</i>	2.2
		<i>N09</i>	1.5
		<i>Weeksellaceae</i>	1.5
		<i>Prevotella</i>	1.4
		<i>Bifidobacterium adolescentis</i>	1.2
		<i>Corynebacterium</i>	1.1
		<i>Rhodospirillaceae</i>	1.0