

Table S2

A.

INCREASE					
# of Exp	OTU	P	Control mean	SD mean	Fold change
Exp 1	p__Firmicutes c__Bacilli o__Bacillales f__Staphylococcaceae g__Jeotgalicoccus s__psychrophilus	0.008	1.100%	2.550%	2.32
	p__Proteobacteria c__Gammaproteobacteria o__Xanthomonadales f__Xanthomonadaceae g__ s__	0.018	0.175%	0.715%	4.09
	p__Firmicutes c__Bacilli o__Lactobacillales f__Enterococcaceae g__Enterococcus Other	0.028	0.196%	0.560%	2.86
	p__Firmicutes c__Bacilli o__Lactobacillales f__Lactobacillaceae g__ s__	0.037	0.000%	0.390%	N/A
	p__Firmicutes c__Bacilli o__Turicibacterales f__Turicibacteraceae g__Turicibacter s__	0.040	0.021%	0.075%	3.60
	p__Proteobacteria c__Alphaproteobacteria o__Caulobacteriales f__Caulobacteraceae g__Brevundimonas s__diminuta	0.045	2.063%	5.650%	2.74
	p__Proteobacteria c__Gammaproteobacteria o__Enterobacteriales f__Enterobacteriaceae g__ s__	0.045	1.525%	3.505%	2.30
Exp 2	p__Firmicutes c__Clostridia o__Clostridiales f__ g__ s__	0.004	15.258%	34.833%	2.28
	p__Firmicutes c__Clostridia o__Clostridiales f__Lachnospiraceae g__Coprococcus s__	0.015	0.113%	0.242%	2.15
	p__Cyanobacteria c__4C0d-2 o__YS2 f__ g__ s__	0.021	0.008%	0.104%	12.50
	p__Firmicutes c__Clostridia o__Clostridiales f__Lachnospiraceae Other Other	0.025	0.267%	0.704%	2.64
	p__Deferribacteres c__Deferribacteres o__Deferribacterales f__Deferribacteraceae g__Mucispirillum s__schaedleri	0.037	1.971%	7.629%	3.87
	p__Firmicutes c__Clostridia o__Clostridiales f__Ruminococcaceae g__Ruminococcus s__	0.045	0.296%	0.596%	2.01
Exp 3	p__Firmicutes c__Bacilli o__Gemellales f__Gemellaceae g__ s__	0.022	0.000%	0.179%	N/A
	p__Proteobacteria c__Epsilonproteobacteria o__Campylobacteriales f__Helicobacteraceae g__Helicobacter	0.022	0.000%	0.488%	N/A
	p__Actinobacteria c__Coriobacteriia o__Coriobacteriales f__Coriobacteriaceae g__Adlercreutzia s__	0.026	0.013%	0.167%	13.33
	p__Cyanobacteria c__4C0d-2 o__YS2 f__ g__ s__	0.033	0.013%	0.113%	9.00
DECREASE					
# of Exp	OTU	P	Control mean	SD mean	Fold change
Exp 1	p__Bacteroidetes c__Bacteroidia o__Bacteroidales f__Prevotellaceae g__Prevotella s__	0.010	3.563%	1.146%	3.11
	p__Bacteroidetes c__Bacteroidia o__Bacteroidales f__Bacteroidaceae g__Bacteroides s__acidifaciens	0.016	0.483%	0.138%	3.52
	p__Proteobacteria c__Alphaproteobacteria o__RF32 f__ g__ s__	0.021	0.021%	0.000%	N/A
	p__Proteobacteria c__Betaproteobacteria o__Burkholderiales f__Alcaligenaceae g__Sutterella s__	0.024	0.283%	0.079%	3.58
	p__Bacteroidetes c__Bacteroidia o__Bacteroidales f__Rikenellaceae g__AF12 s__	0.030	0.217%	0.050%	4.33
	p__Firmicutes c__Erysipelotrichi o__Erysipelotrichales f__Erysipelotrichaceae g__Allobaculum s__	0.036	0.067%	0.013%	5.33
	p__Bacteroidetes c__Bacteroidia o__Bacteroidales f__ g__ s__	0.037	1.263%	0.479%	2.63
	p__Firmicutes c__Clostridia o__Clostridiales f__Peptococcaceae g__ s__	0.045	0.054%	0.013%	4.33
	p__Bacteroidetes c__Bacteroidia o__Bacteroidales Other Other Other	0.049	0.092%	0.029%	3.14

B.

INCREASE					
# of Exp	OTU	P	Control mean	SD mean	Fold change
Exp 1	p__Actinobacteria c__Actinobacteria o__Actinomycetales f__Micrococcaceae g__ s__	0.011	0.000%	0.650%	N/A
	p__Proteobacteria c__Alphaproteobacteria o__Caulobacterales f__Caulobacteraceae g__Brevundimonas s__diminuta	0.022	0.088%	0.320%	3.66
Exp 2	p__Bacteroidetes c__Bacteroidia o__Bacteroidales f__Bacteroidaceae g__Bacteroides s__	0.006	0.104%	1.358%	13.04
	p__Firmicutes c__Clostridia o__Clostridiales f__Dehalobacteriaceae g__Dehalobacterium s__	0.006	0.154%	0.663%	4.30
	p__Proteobacteria c__Epsilonproteobacteria o__Campylobacteriales f__Helicobacteraceae g__Helicobacter	0.007	0.000%	0.725%	N/A
	p__Bacteroidetes c__Bacteroidia o__Bacteroidales f__Bacteroidaceae g__Bacteroides s__acidifaciens	0.008	0.046%	0.492%	10.73
	Unassigned Other Other Other Other Other Other	0.008	0.146%	2.317%	15.89
	p__Actinobacteria c__Coriobacteriia o__Coriobacteriales f__Coriobacteriaceae g__Adlercreutzia s__	0.009	0.025%	0.125%	5.00
	p__Firmicutes c__Clostridia o__Clostridiales f__Clostridiaceae g__Candidatus Arthromitus s__	0.036	0.096%	0.354%	3.70
DECREASE					
# of Exp	OTU	P	Control mean	SD mean	Fold change
Exp 1	p__Deferribacteres c__Deferribacteres o__Deferribacterales f__Deferribacteraceae g__Mucispirillum s__schaedleri	0.028	1.113%	0.255%	4.36