

Abundance table																
		Genus-level														
Taxonomy		LCA DSS					NO DSS					Water				
		LCA.DSS.1	LCA.DSS.2	LCA.DSS.3	LCA.DSS.4	LCA.DSS.5	No.DSS.1	No.DSS.2	No.DSS.3	No.DSS.4	No.DSS.5	Water.DSS.1	Water.DSS.2	Water.DSS.3	Water.DSS.4	Water.DSS.5
Bacteroidetes																
p__Bacteroidetes g__Bacteroides		37.28%	13.42%	26.99%	13.67%	3.20%	20.32%	33.23%	21.78%	17.10%	38.79%	11.03%	19.82%	8.15%	19.65%	23.31%
p__Bacteroidetes g__Parabacteroides		12.17%	1.07%	3.25%	5.10%	0.32%	10.84%	11.67%	13.08%	7.49%	10.87%	1.34%	4.14%	7.00%	1.84%	1.31%
Firmicutes																
p__Firmicutes f__Lachnospiraceae		1.07%	13.61%	10.12%	7.44%	3.96%	5.12%	5.94%	8.61%	9.33%	4.90%	8.25%	3.07%	0.48%	7.61%	2.62%
p__Firmicutes f__Ruminococcaceae		1.23%	2.61%	1.59%	3.69%	3.51%	2.88%	2.10%	2.20%	2.62%	1.64%	3.22%	2.37%	0.21%	2.47%	2.63%
p__Firmicutes g__Enterococcus		4.53%	0.35%	1.46%	0.10%	8.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.31%	5.66%	18.70%	0.86%	0.82%
p__Firmicutes g__Oscillospira		3.72%	12.97%	5.20%	5.43%	6.10%	4.09%	3.63%	3.88%	8.39%	3.53%	7.33%	6.63%	1.31%	6.21%	5.80%
p__Firmicutes o__Clostridiales		8.71%	25.04%	23.13%	40.95%	29.21%	25.83%	25.59%	33.25%	29.12%	21.74%	41.19%	14.54%	2.82%	29.79%	27.87%
Other phyla																
p__Deferribacteres g__Mucispirillum		3.50%	9.68%	11.95%	3.39%	28.35%	0.46%	0.09%	0.65%	0.12%	0.09%	11.23%	6.16%	1.97%	16.38%	8.69%
p__Proteobacteria g__Proteus		16.86%	1.95%	2.81%	0.04%	7.89%	0.00% <sup>†</sup>	0.00% <sup>†</sup>	0.00% <sup>†</sup>	0.00% <sup>†</sup>	0.00% <sup>†</sup>	0.40%	13.21%	56.69%	2.42%	1.52%
Other		10.94%	19.30%	13.49%	20.20%	9.10%	30.46%	17.74%	16.55%	25.83%	18.44%	15.69%	24.40%	2.67%	12.77%	25.43%
<sup>†</sup> Not observed!																
Data from Habtezion project																
E. coli not found																