

Supplementary Table 1: Bacterial strains present in microbial mock community HM-277D, BEI Resources.

Organism	NCBI Reference Sequence	Number of operons	Concentration
<i>Acinetobacter baumannii</i> , strain 5377	NC_009085	100,000	82 pg/ul
<i>Actinomyces odontolyticus</i> , strain 1A.21	NZ_AAYI02000000	10,000	10 pg/ul
<i>Bacillus cereus</i> , strain NRS 248	NC_003909	1,000,000	450 pg/ul
<i>Bacteroides vulgatus</i> , strain NCTC 11154	NC_009614	10,000	7.6 pg/ul
<i>Clostridium beijerinckii</i> , strain NCIMB 8052	NC_009617	1,000,000	440 pg/ul
<i>Deinococcus radiodurans</i> , strain R1 (smooth)	NC_001263	10,000	10 pg/ul
<i>Enterococcus faecalis</i> , strain OG1RF	NC_017316	10,000,000	7 pg/ul
<i>Escherichia coli</i> , strain K12, substrain MG1655	NC_000913	10,000,000	6.8 ng/ul
<i>Helicobacter pylori</i> , strain 26695	NC_000915	100,000	86 pg/ul
<i>Lactobacillus gasseri</i> , strain 63 AM	NC_008530	100,000	32 pg/ul
<i>Listeria monocytogenes</i> , strain EGDe	NC_003210	100,000	50 pg/ul
<i>Neisseria meningitidis</i> , strain MC58	NC_003112	100,000	58 pg/ul
<i>Propionibacterium acnes</i> , strain KPA171202	NC_006085	100,000	88 pg/ul
<i>Pseudomonas aeruginosa</i> , strain PAO1-LAC	NC_002516	1,000,000	1.6 ng/ul
<i>Rhodobacter sphaeroides</i> , strain ATH 2.4.1	NC_007493	10,000,000	14 ng/ul
<i>Staphylococcus aureus</i> , strain TCH1516	NC_010079	1,000,000	590 pg/ul
<i>Staphylococcus epidermidis</i> , FDA strain PCI 1200	NC_004461	10,000,000	5.1 ng/ul
<i>Streptococcus agalactiae</i> , strain 2603 V/R	NC_004116	1,000,000	32 pg/ul
<i>Streptococcus mutans</i> , strain UA159	NC_004350	10,000,000	4.1 ng/ul
<i>Streptococcus pneumoniae</i> , strain TIGR4	NC_003028	10,000	5.5 pg/ul