

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Supplementary Data 1 is a table containing details of all 86 synthetic DNA standards ('sequins') that comprise the artificial microbial community developed in this study. Columns B – G provide information on each metagenome sequin, including its identification number (ID), length (bp), GC content (%), DNA sequence (5' – 3'), and its relative abundance in Mixes A and B (respectively). Columns H – M provide information on the source microbe from which each respective sequin was derived (where applicable), including its name, accession ID (RefSeq), genome size (bp), GC content (%), number of 16S rRNA copies, and its isolation source (respectively). Note that the first 16 sequins listed were designed as randomly generated sequences, thus have no source microbe.