

Supplementary Figure 1. Mock community datasets analyzed in this study

Name	Type	Region	Platform	Length (nt)	Composition	Count	QIIME-db ID
B1	16S	V4	HiSeq	100	Mock Community A	1 even	1687
B2	16S	V4	MiSeq	150	Mock Community A	1 even	1688
B3	16S	V4	MiSeq	250	Mock Community B	2 even 2 staggered	1685
B4	16S	V4	MiSeq	150	Mock Community B	2 even 2 staggered	1686
B5	16S	V4	MiSeq	250	Mock Community B	2 even 2 staggered	1972
B6	16S	V4	GAllx	100	Mock Community C	3 even	719
B7	16S	V4	HiSeq	100	Mock Community C	3 even	1319*
B8	16S	V4	HiSeq	100	Mock Community C	3 even	1973
F1	ITS	ITS1	HiSeq	100	Mock Community D	3 even	1974
F2	ITS	ITS1	HiSeq	100	Mock Community D	3 even	1975

*MG_RAST Project ID