

Table S1

	QIIME 1	DADA2
PCR amplicon mock community		
Illumina paired-end	64,823 (0.05) ^a	39,056 (1.33)
Illumina single-end	41,263 (0)	81,011 (0)
Ion Torrent	170,611 (0.23)	196,270 (0.24)
gDNA mock community		
Illumina paired-end	53,615 (1.98)	35,130 (1.15)
Illumina single-end	38,337 (0.77)	75,601 (0.28)
Ion Torrent	203,486 (1.74)	181,323 (4.54)

^a Each value represents the number of quality filtered reads and the percentage (in parenthesis) of chimeras from triplicate PCR amplicon and gDNA mock community samples.