

Table S1. Primers used in this study.

Primer	Reference	Sequence
DGGE		
27f	[1]	5' -AGAGTTTGATYMTGGCTCAG
1492r	[1]	5' -TACGGYTACCTTGTTACGACTT
L1401r	[2]	5' -CGGTGTGTACAAGACCC
968f-GC	[2]	5' -CCCGCCGCGCCCCGCGCCCGTCCCCG CCGCCCCCGCCCCGAACGCGAAGAACCTTAC
RISA		
1406f	[3]	5' -TGYACACACCGCCCGT
23Sr	[3]	5' -GGGTTBCCCCATTTCRG
454 Pyrosequencing		
16S_V1V3_MIDA_For	This study	5' -ACGAGTGCGTGCCTAACACATGCAAGTC
16S_V1V3_MIDA_Rev	This study	5' -ACGAGTGCGTATTACCGCGGCTGCTGG
16S_V1V3_MIDB_For	This study	5' -ACGCTCGACAGCCTAACACATGCAAGTC
16S_V1V3_MIDB_Rev	This study	5' -ACGCTCGACAATTACCGCGGCTGCTGG
16S_V1V3_MIDC_For	This study	5' -AGACGCACTCGCCTAACACATGCAAGTC
16S_V1V3_MIDC_Rev	This study	5' -AGACGCACTCATTACCGCGGCTGCTGG
16S_V1V3_MIDD_For	This study	5' -AGCACTGTAGGCCTAACACATGCAAGTC
16S_V1V3_MIDD_Rev	This study	5' -AGCACTGTAGATTACCGCGGCTGCTGG
16S_V1V3_MIDE_For	This study	5' -ATCAGACACGGCCTAACACATGCAAGTC
16S_V1V3_MIDE_Rev	This study	5' -ATCAGACACGATTACCGCGGCTGCTGG
16S_V1V3_MIDF_For	This study	5' -CGTGTCTCTAGCCTAACACATGCAAGTC
16S_V1V3_MIDF_Rev	This study	5' -CGTGTCTCTAATTACCGCGGCTGCTGG
16S_V1V3_MIDG_For	This study	5' -CTCGCGTGTTCGCCTAACACATGCAAGTC
16S_V1V3_MIDG_Rev	This study	5' -CTCGCGTGTTCATTACCGCGGCTGCTGG
16S_V1V3_MIDH_For	This study	5' -TAGTATCAGCGCCTAACACATGCAAGTC
16S_V1V3_MIDH_Rev	This study	5' -TAGTATCAGCATTACCGCGGCTGCTGG
16S_V1V3_MIDI_For	This study	5' -TCTCTATGCGGCCTAACACATGCAAGTC
16S_V1V3_MIDI_Rev	This study	5' -TCTCTATGCGATTACCGCGGCTGCTGG
16S_V1V3_MIDJ_For	This study	5' -TGATACGTCTGCCTAACACATGCAAGTC
16S_V1V3_MIDJ_Rev	This study	5' -TGATACGTCTATTACCGCGGCTGCTGG
16S_V1V3_MIDK_For	This study	5' -TACTGAGCTAGCCTAACACATGCAAGTC
16S_V1V3_MIDK_Rev	This study	5' -TACTGAGCTAATTACCGCGGCTGCTGG
16S_V1V3_MIDL_For	This study	5' -ATATCGCGAGGCCTAACACATGCAAGTC
16S_V1V3_MIDL_Rev	This study	5' -ATATCGCGAGATTACCGCGGCTGCTGG

1. Lane DJ *et al.* 16S/23S rRNA Sequencing. *Nucleic Acids Techniques in Bacterial Systematics*. Chichester: John Wiley & Sons, 1991:115-175.
2. Nubel U *et al.* Sequence heterogeneities of genes encoding 16S rRNAs in *Paenibacillus polymyxa* detected by temperature gradient gel electrophoresis. *J Bact* 1996;178:5636-5643.
3. Borneman J *et al.* Molecular microbial diversity in soils from eastern Amazonia: Evidence for unusual microorganisms and microbial population shifts associated with deforestation. *Appl Environ Microbiol* 1997;63:2647-2653.