Table S4. Primers for PCR amplification of V3-V4 16S rRNA gene sequences (related to Figure 2)

No	Oligo Name	Sequence 5'-3' [a]
1	hV3F_MID1	AATGATACGGCGACCACCGAGATCTACAC ATCGTACG ACACTCTTTCCCTACACGACGCTCTTCCGATCT CCTACGGGAGGCAGCAG
2	hV3F_MID2	AATGATACGGCGACCACCGAGATCTACAC ACTATCTG ACACTCTTTCCCTACACGACGCTCTTCCGATCT **T** CCTACGGGAGGCAGCAG
3	hV3F_MID3	AATGATACGGCGACCACCGAGATCTACAC TAGCGAGT ACACTCTTTCCCTACACGACGCTCTTCCGATCT **GT** CCTACGGGAGGCAGCAG
4	hV3F_MID4	AATGATACGGCGACCACCGAGATCTACAC CTGCGTGT ACACTCTTTCCCTACACGACGCTCTTCCGATCT **CGA** CCTACGGGAGGCAGCAG
5	hV3F_MID5	AATGATACGGCGACCACCGAGATCTACAC TCATCGAG ACACTCTTTCCCTACACGACGCTCTTCCGATCT **ATGA** CCTACGGGAGGCAGCAG
6	hV3F_MID6	AATGATACGGCGACCACCGAGATCTACAC CGTGAGTG ACACTCTTTCCCTACACGACGCTCTTCCGATCT **TGCGA** CCTACGGGAGGCAGCAG
7	hV3F_MID7	AATGATACGGCGACCACCGAGATCTACAC GGATATCT ACACTCTTTCCCTACACGACGCTCTTCCGATCT **GAGTGG** CCTACGGGAGGCAGCAG
8	hV3F_MID8	AATGATACGGCGACCACCGAGATCTACAC GACACCGT ACACTCTTTCCCTACACGACGCTCTTCCGATCT CCTACGGGAGGCAGCAG
9	hV3F_MID9	AATGATACGGCGACCACCGAGATCTACAC CTACTATA ACACTCTTTCCCTACACGACGCTCTTCCGATCT **T** CCTACGGGAGGCAGCAG
10	hV3F_MID10	AATGATACGGCGACCACCGAGATCTACAC CGTTACTA ACACTCTTTCCCTACACGACGCTCTTCCGATCT **GT** CCTACGGGAGGCAGCAG
11	hV3F_MID11	AATGATACGGCGACCACCGAGATCTACAC AGAGTCAC ACACTCTTTCCCTACACGACGCTCTTCCGATCT **CGA** CCTACGGGAGGCAGCAG
12	hV3F_MID12	AATGATACGGCGACCACCGAGATCTACAC TACGAGAC ACACTCTTTCCCTACACGACGCTCTTCCGATCT **ATGA** CCTACGGGAGGCAGCAG
13	hV3F_MID13	AATGATACGGCGACCACCGAGATCTACAC ACGTCTCG ACACTCTTTCCCTACACGACGCTCTTCCGATCT **TGCGA** CCTACGGGAGGCAGCAG
14	hV3F_MID14	AATGATACGGCGACCACCGAGATCTACAC TCGACGAG ACACTCTTTCCCTACACGACGCTCTTCCGATCT **GAGTGG** CCTACGGGAGGCAGCAG
15	hV3F_MID15	AATGATACGGCGACCACCGAGATCTACAC GATCGTGT ACACTCTTTCCCTACACGACGCTCTTCCGATCT CCTACGGGAGGCAGCAG
16	hV3F_MID16	AATGATACGGCGACCACCGAGATCTACAC GTCAGATA ACACTCTTTCCCTACACGACGCTCTTCCGATCT **T** CCTACGGGAGGCAGCAG
17	hV3F_MID17	AATGATACGGCGACCACCGAGATCTACAC ACGACGTG ACACTCTTTCCCTACACGACGCTCTTCCGATCT **GT** CCTACGGGAGGCAGCAG
18	hV3F_MID18	AATGATACGGCGACCACCGAGATCTACAC CGTCGCTA ACACTCTTTCCCTACACGACGCTCTTCCGATCT **CGA** CCTACGGGAGGCAGCAG
19	hV3F_MID19	AATGATACGGCGACCACCGAGATCTACAC GCTCTAGT ACACTCTTTCCCTACACGACGCTCTTCCGATCT **ATGA** CCTACGGGAGGCAGCAG
20	hV3F_MID20	AATGATACGGCGACCACCGAGATCTACAC TGCGTACG ACACTCTTTCCCTACACGACGCTCTTCCGATCT **TGCGA** CCTACGGGAGGCAGCAG
1	hV4R_MID_A	CAAGCAGAAGACGGCATACGAGAT AACTCTCG GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT GGACTACHVGGGTWTCTAAT
2	hV4R_MID_B	CAAGCAGAAGACGGCATACGAGAT ACTATGTC GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT **A** GGACTACHVGGGTWTCTAAT

3	hV4R_MID_C	CAAGCAGAAGACGGCATACGAGAT AGTAGCGT GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT **TC** GGACTACHVGGGTWTCTAAT
4	hV4R_MID_D	CAAGCAGAAGACGGCATACGAGAT CAGTGAGT GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT **CTA** GGACTACHVGGGTWTCTAAT
5	hV4R_MID_E	CAAGCAGAAGACGGCATACGAGAT CGTACTCA GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT **GATA** GGACTACHVGGGTWTCTAAT
6	hV4R_MID_F	CAAGCAGAAGACGGCATACGAGAT CTACGCAG GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT **ACTCA** GGACTACHVGGGTWTCTAAT
7	hV4R_MID_G	CAAGCAGAAGACGGCATACGAGAT GGAGACTA GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT **TTCTCT** GGACTACHVGGGTWTCTAAT
8	hV4R_MID_H	CAAGCAGAAGACGGCATACGAGAT GTCGCTCG GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT GGACTACHVGGGTWTCTAAT
9	hV4R_MID_I	CAAGCAGAAGACGGCATACGAGAT GTCGTAGT GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT **A** GGACTACHVGGGTWTCTAAT
10	hV4R_MID_J	CAAGCAGAAGACGGCATACGAGAT TAGCAGAC GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT **TC** GGACTACHVGGGTWTCTAAT
11	hV4R_MID_K	CAAGCAGAAGACGGCATACGAGAT TCATAGAC GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT **CTA** GGACTACHVGGGTWTCTAAT
12	hV4R_MID_L	CAAGCAGAAGACGGCATACGAGAT TCGCTATA GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT **GATA** GGACTACHVGGGTWTCTAAT
13	hV4R_MID_M	CAAGCAGAAGACGGCATACGAGAT AAGTCGAG GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT **ACTCA** GGACTACHVGGGTWTCTAAT
14	hV4R_MID_N	CAAGCAGAAGACGGCATACGAGAT ATACTTCG GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT **TTCTCT** GGACTACHVGGGTWTCTAAT
15	hV4R_MID_O	CAAGCAGAAGACGGCATACGAGAT CATAGAGA GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT GGACTACHVGGGTWTCTAAT
16	hV4R_MID_P	CAAGCAGAAGACGGCATACGAGAT CGTAGATC GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT **A** GGACTACHVGGGTWTCTAAT
17	hV4R_MID_Q	CAAGCAGAAGACGGCATACGAGAT GCGCACGT GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT **TC** GGACTACHVGGGTWTCTAAT
18	hV4R_MID_R	CAAGCAGAAGACGGCATACGAGAT GGTACTAT GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT **CTA** GGACTACHVGGGTWTCTAAT
19	hV4R_MID_S	CAAGCAGAAGACGGCATACGAGAT TACGAGCA GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT **GATA** GGACTACHVGGGTWTCTAAT
20	hV4R_MID_T	CAAGCAGAAGACGGCATACGAGAT TCAGCGTT GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT **ACTCA** GGACTACHVGGGTWTCTAAT

[a] The primer-syntax is as follows: 5´<linker><index><sequencing primer binding region><heterogeneity spacer (indicated in bold if present)><16S binding region>3´