Table S1. Sequences of the primers used.

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| --- | --- | --- | --- |
| Target | Name | Sequence | Reference |
| Bacterial 16S rRNA | 341F  907R | CCTACGGGAGGCAGCAG  CCGTCAATTCMTTTGAGTTT | Muyzer et al., 1993  Teske et al., 1996 |
| Archaeal 16S rRNA | Arc340F  Arc1000R | CCCTAYGGGGYGCASCAG  GGCCATGCACYWCYTCTC | Grantner 2011  De la Vega et al., 2016 |
| V3-V4 16SrRNA hypervariable regions | IlluAdp16SF  IlluAdp16SR | CCTACGGGNGGCWGCAG  GACTACHVGGGTATCTAATCC | Klindworth et al., 2013 |