Supplementary Figure 2. Alignment of 16S rRNA gene and phylogenetic analysis of 16S rRNA gene with Peptoniphilus species listed in the LPSN. A. Alignment of 16S rRNA gene was conducted using nucleotide BLAST program by default parameters, against the nucleotide collection database. The top 20 identities are shown, and uncultured or species undefined strains were removed. B. Phylogenetic analysis of SAHP1 16S rRNA gene with those of type strains belonging to different Peptoniphilus species listed in the LPSN. GenBank accession numbers of the 16S rRNA (most of which were partial 16S rRNA genes) of the strains are colored gray. 16S rRNA gene sequence of Anaerococcus degeneri strain FDAOARGOS1538 was obtained by searching locus ID: LDJ82_RS02495. Phylogenetic groups and subgroups are shown. The related Peptoniphilus species are colored. Phylogram was constructed using the neighbor-joining method with 1000 bootstrap replicates. Bootstrap values higher than 50% are shown.