

Table S4

Synthetic DNA sequences (sDNA) for the experimental validation

The following representative synthetic double-stranded DNA (sDNA) gene blocks were synthesized for the 28 taxa in the target list. These sDNA sequences were run through the clinical pipeline to validate accurate and quantitative detection.

Target	sDNA sequence
<i>Akkermansia muciniphila</i> SILVA ID: AY271254.1.1433	TTCGGATTGTAAACCCCTGTCATGTGGGAGCAAATTA AAAAGATAGTACCACAAGAGGAAGAGAC GGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGTCTCAAGCGTTGTTCCGGAATCACTGGG CGTAAAGCGTGCGTAGGCTGTTTCGTAAGTTCGTGTGTGAAAGGCGCGGGCTCAACCCGCGGAC GGCACATGATACTGCGAGACTAGAGTAATGGAGGGGGAACCGGAATTCTCGGTGTAGCAGTGAA ATGCGTAGATATCGAGAGGAACACTCGTGGCGAAGGCGGGTTCCTGGACATTA ACTGACGCTGA GGCACGAAGGCCAGGGGAGCGAAAGGGATTAGATACCCTGTAGTCCTGGCAGTAAACGGTGC ACGCTTGGTGTGCGGGGAATCGACCCCCTGCGTGCCGGAGTAACGCGTTAAGCGTGCCG
<i>Alistipes</i> SILVA ID: AB554232.1.1488	TGCTTTTGTACGAGGGTAAACGCAGATACGTGTATCTGTCTGAAAGTATCGTACGAATAAGGATCG GCTAACTCCGTGCCAGCAGCCGCGGTAATACGGAGGATTCAAGCGTTATCCGGATTTATTGGGT TAAAGGGTGCGTAGGCGGTTTGATAAGTTAGAGGTGAAATTCGGGGCTCAACCCCTGAACGTGC CTCTAATACTGTTGAGCTAGAGAGTAGTTGCGGTAGGCGGAATGTATGGTGTAGCGGTGAAATGCT TAGAGATCATA CAGAACACCGATTGCGAAGGCAGCTTACCAAATATATCTGACGTTGAGGCACG AAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCAGTAAACGATGATAACTCGT TGTCGGCGATACACAGTCGGTGACTAAGCGAAAGCGATAAGTTATCCACCT
<i>Anaerotruncus colihominis</i> SILVA ID: AJ315980.1.1393	CGGTCTTCGGATTGTAAACCTCTGTCTTTGGGGAAGAAAATGACGGTACCCAAAGAGGAAGCTC CGGCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGGAGCAAGCGTTGTCCGGAATTA CTGG GTGTAAGGGAGCGTAGGCGGGATGGCAAGTAGAATGTAAATCCATCGGCTCAACCCGTGGCT GCGTTCTAAACTGCCGTTCTTGAGTGAAGTAGAGGCAGGCGGAATTCCTAGTGTAGCGGTGAAAT GCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCCTGCTGGGCTTTAACTGACGCTGAG GCTCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGATTA CTAGGTGTGGGGGACTGACCCCTTCCGTGCCGCAGTTAACACAATAAGTAATCCA
<i>Bacteroides fragilis</i> SILVA ID: X83936.1.1436	TTCTTTTATATAAGAATAAAGTGCAGTATGTATACTGTTTTGTATGTATTATATGAATAAGGATCGGCTAA CTCCGTGCCAGCAGCCGCGGTAATACGGAGGATCCGAGCGTTATCCGGATTTATTGGGTTTAAAG GGAGCGTAGGTGGACTGGTAAGTCAGTTGTGAAAGTTTTCGGCTCAACCGTAAAATTGCAGTTGA TACTGTCAGTCTTGAGTACAGTAGAGGTGGGCGGAATTCGTGGTGTAGCGGTGAAATGCTTAGATA TCACGAAGA ACTCCGATTGCGAAGGCAGCTCACTGGACTGCAACTGACACTGATGCTCGAAAGT GTGGGTATCAAACAGGATTAGATACCCTGGTAGTCCACACAGTAAACGATGAATACTCGCTGTTTG CGATATACAGTAAGCGGCCAAGCGAAAGCATTAAAGTATTCCACCT

<p><i>Barnesiella</i> SILVA ID: AB370251.1.1484</p>	<p>CTCTTTTGTCTGGAGAGTAAAGTACGCTACGTGTAGCGTATTGCAAGTATCCGAAGAAAAAGCATCG GCTAACTCCGTGCCAGCAGCCGCGGTAATACGGAGGATGCGAGCGTTATCCGGATTTATTGGGTT TAAAGGGTGCCTAGGCGGCACGCCAAGTCAGCGGTGAAATTTCCGGGCTCAACCCGGAGTGTG CCGTTGAAACTGGCGAGCTAGAGTACACAAGAGGCAGGCGGAATGCGTGGTGTAGCGGTGAAA TGCATAGATATCACGCAGAACCCCGATTGCGAAGGCAGCCTGCTAGGGTGAACAGACGCTGAG GCACGAAAGCGTGGGTATCGAACAGGATTAGATACCCTGGTAGTCCACGCAGTAAACGATGAATA CTAACTGTTTGCATACAATGTAAGCGGTACAGCGAAAGCGTTAAGTATTCCACCT</p>
<p><i>Bifidobacterium</i> SILVA ID: AY305304.1.1448</p>	<p>GGTTGTAAACCGCTTTTACTGACTGGGAGCAAGCCCTTCGGGGTGAGTGTACCTTTCAATAAGCAC CGGCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGGTGCAAGCGTTATCCGGAATTATTGGG CGTAAAGGGCTCGTAGGCGGTTCTGTCGCGTCCGGTGTGAAAGTCCATCGCTTAACGGTGGATCC GCGCCGGGTACGGGCGGGCTTGAGTGCAGTGGGGAGACTGGAATTTCCGGTGTAAACGGTGG AATGTGTAGATATCGGGAAGAACCAATGGCGAAGGCAGGTCTCTGGGCCGTCACTGACGCTG AGGAGCGAAAGCGTGGGAGCGAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGGTG GATGCTGGATGTGGGGACCATTCCACGGTCTCCGTGTCTGGAGCCAACGCGTTAAGCATCC</p>
<p><i>Butyrivibrio crossotus</i> SILVA ID: ABWN01000012.312.1822</p>	<p>AGTATTTCCGGTATGTAAGCTCTATCAGCAGGGAAGAAAACGACGGTACCTGACTAAGAAGCCCC GGCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGGGGCAAGCGTTATCCGGATTTACTGGG TGTAAGGGGAGCGTAGACGGCATCAAGTCAGAAGTAAAATCCGGGGCTCAACCCCGGAAC TGCTTTTGAAGTGTGGAGCTGGAGTGCAGGAGAGGTAAGCGGAATTCCTAGTGTAGCGGTGAA ATGCGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTACTGGACTGTAAGTACGTTGA GGCTCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGAA TACTAGGTGTTGGGTTTCATAAGAAGCTCGGTGCCGGCGCAAACGCATTAAGTATTCC</p>
<p><i>Campylobacter</i> SILVA ID: GU255922.1.1207</p>	<p>ACTTTTTCGGAGCGTAAACTCCTTTTGTAGGGGAAGAACAATGACGGTACCTAACGAATAAGCACCC GGCTAACTCCGTGCCAGCAGCCGCGGTAATACGGAGGGTGCAAGCGTTACTCGGAATCACTGG GCGTAAAGGACGCGTAGGCGGATTATCAAGTCTCTTGTGAAATCCTATGGCTTAACCATAGAAGT CTTGGGAAACTGATAATCTAGAGTGAGGGAGAGGCAGATGGAATTGGTGGTGTAGGGGTAAATC CGTAGAGATCACCAGGAATACCCATTGCGAAGGCGATCTGCTGGAACCAACTGACGCTAATGC GTGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCCTAAACGATGTACT AGTTGTTGCTAAGCTAGTCTTGGCAGTAATGCACCTAACGGATTAAGTATACCG</p>
<p><i>Collinsella aerofaciens</i> SILVA ID: AJ245919.1.1432</p>	<p>CCGGCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGGGGCGAGCGTTATCCGGATTCATTG GGCGTAAAGCGCGCGTAGGCGGCCCGGAGGCGGGGGTGAAGCGGGGGGCTCAACCCC CCGAAGCCCCCGAACCTCCGCGGCTTGGGTCCGGTAGGGGAGGGTGAACACCCGGTGTG GCGGTGGAATGCGCAGATATCGGGTGAACACCGGTGGCGAAGGCGGCCCTCTGGGCCGAGA CCGACGCTGAGGCGCGAAAGCTGGGGAGCGAACAGGATTAGATACCCTGGTAGTCCCAGCCG TAAACGATGGACGCTAGGTGTGGGGACGATCCCCCGTGCCGCAGCCAACGCATTAAGCGTC CCGCCT</p>

<p><i>Desulfovibrio piger</i> SILVA ID: KF536745.1.1424</p>	<p>CAGAAGGGAAGAACTAGGGTGTCTAATCATCATCCTACTGACGGTACCTTCAAAGGAAGCACC GGCTAACTCCGTGCCAGCAGCCGCGGTAATACGGAGGGTGCAAGCGTTAATCGGAATCACTGG GCGTAAAGCGCACGTAGGCTGTTATGTAAGTCAGGGGTGAAAGCCCACGGCTCAACCGTGGAA CTGCCCTTGATACTGCACGACTCGAATCCGGGAGAGGGTGGCGGAATTCCAGGTGTAGGAGTG AAATCCGTAGATATCTGGAGGAACATCAGTGGCGAAGGCGGCCACCTGGACCGGTATTGACGCT GAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATG GATGCTAGATGTCGGGATGTATGTCTCGGTGTCGTAGTTAACGCGTTAAGCATCCCGCCT</p>
<p><i>Dialister invisus</i> SILVA ID: JN713211.1.1560</p>	<p>ATCCGGGACGAGAAGGCAGGGTGCGAAGAACAACACTGCATTGACGGTACCGGAAAAGCAAGCC ACGGCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGTGGCAAGCGTTGTCCGGAATTATTG GGCGTAAAGCGCGCGCAGGCCGGCTTCCCAAGTCCCTCTTAAAAGTGCGGGGCTTAACCCCGTG ATGGAAAGGAAACTGGGAAGCTGGAGTATCGGAGAGGAAAGTGAATTCTAGTGTAGCGGTGA AATGCGTAGAGATTAGGAAGAACACCGGTGGCGAAGGCGACTTTCTGGACGAAAAGTACGCTG AGGCGCGAAAGCGTGGGGAGCAAACAGGATTAGATTCCCTGGTAGTCCACGCCGTAAACGATG GATACTAGGTGTAGGAGGTATCGACCCCTCCTGTGCCGGAGTTAACGCAATAAGTATCCC</p>
<p><i>Escherichia-Shigella</i> SILVA ID: GZ772340.7303.8824</p>	<p>CAGCGGGGAGGAAGGGAGTAAAGTTAATACCTTTGCTCATTGACGTTACCCGCAGAAGAAGCAC CGGCTAACTCCGTGCCAGCAGCCGCGGTAATACGGAGGGTGCAAGCGTTAATCGGAATTAAGTGG GCGTAAAGCGCACGCAGGCCGGTTTGTAAAGTCAAGTGTGAAATCCCCGGGCTCAACCTGGGAA CTGCATCTGATACTGGCAAGCTTGAGTCTCGTAGAGGGGGGTAGAATTCCAGGTGTAGCGGTGA AATGCGTAGAGATCTGGAGGAATACCGGTGGCGAAGGCGGCCCCCTGGACGAAGACTGACGCT CAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATG TCGACTTGAGGTTGTGCCCTTGAGGCGTGGCTTCCGGAGCTAACGCGTTAAGTCGACCG</p>
<p><i>Fusobacterium</i> SILVA ID: GQ301040.1.1415</p>	<p>TTTTCGGAATGTAAAGTGCTTTCAGTTGGGAAGAAAGAAATGACGGTACCAACAGAAGAAGTGAC GGCTAAATACGTGCCAGCAGCCGCGGTAATACGTATGTCACGAGCGTTATCCGGATTTATTGGGC GTAAAGCGCGTCTAGGTGGTTATGTAAGTCTGATGTGAAAATGCAGGGCTCAACTCTGTATTGCGT TGGAAACTGTATACTAGAGTACTGGAGAGGTAAGCGGAAGTACAAGTGTAGAGGTGAAATTCGTA GATATTTGTAGGAATGCCGATGGGGAAGCCAGCTTACTGGACAGATACTGACGCTGAAGCGCGAA AGCGTGGGTAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGATTACTAGGTG TTGGGGGTGCAACCTCAGCGCCCAAGCAAACGCGATAAGTAATCCCGCT</p>
<p><i>Ruminococcus</i> SILVA ID: X94967.1.1481 (The genus <i>Ruminococcus</i> corresponds to the sum of SILVA genera <i>Ruminococcus 1</i>, <i>Ruminococcus 2</i> and <i>Lachnoclostridium</i>)</p>	<p>AGTATTTCCGGTATGTAAAGCTCTATCAGCAGGGAAGAAATGACGGTACCTGACTAAGAAGCCCC GGCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGGGGCAAGCGTTATCCGGATTTACTGGG TGTAAGGGAGCGTAGACGGCATGGCAAGCCAGATGTGAAAGCCCAGGGGCTCAACCCCGGGA CTGCATTTGGAAGTGTGAGGCTAGAGTGTGCGAGAGGAAAGCGGAATTCTAGTGTAGCGGTGA AATGCGTAGATATTAGGAGGAACACCAAGTGGCGAAGGCGGCTTTCTGGACGATGACTGACGTTG AGGCTCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGA ATACTAGGTGTCGGGTGGCAAAGCCATTCCGGTGCCGCAGCAAACGCAATAAGTATTCCA</p>

<p><i>Lactobacillus</i> SILVA ID: EF533990.1.1531</p>	<p>TGGTAGTGAAGAAAGATAGAGGTAGTAAGTGGCCTTTATTTGACGGTAATTACTTAGAAAAGTCACG GCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGTGGCAAGCGTTGTCCGGATTTATTGGGC GTAAAGCGAGTGCAGGCGGTTCAATAAGTCTGATGTGAAAGCCTTCGGCTCAACCGGAGAATTG CATCAGAACTGTTGAACTTGAGTGCAGAAGAGGAGAGTGGAACTCCATGTGTAGCGGTGGAAT GCGTAGATATATGGAAGAACACCAGTGGCGAAGGCGGCTCTCTGGTCTGCAACTAACGCTGAGG CTCGAAAGCATGGGTAGCGAACAGGATTAGATACCCTGGTAGTCCATGCCGTAACGATGAGTGC TAAGTGTGGGAGGTTTCCGCCTCTCAGTGTGCAGCTAACGCATTAAGCACTCC</p>
<p><i>Methanobrevibacter smithii</i> SILVA ID: U55235.1.1357</p>	<p>TCCCAAGTGCCATTCTTAACGGGATGGCTTTTCATTAGTGTAAAGAGCTTTTGAATAAGAGCTGG GCAAGACCGGTGCCAGCCGCGCGGTAACACCGGCAGCTCTAGTGGTAGCAGTTTTTATTGGG CCTAAAGCGTCCGTAGCCGGTTAATAAGTCTCTGGTCAAATCCTGCAGCTTAACTGTGGGAATTG CTGGAGATACTATTAGACTTGAGATCGGGAGAGGTTAGAGGTAAGTCCCAGGGTAGAGGTGAAATT CTGTAATCCTGGGAGGACCGCCTGTTGCGAAGGCGTCTGACTGGAACGATTCTGACGGTGAGG GACGAAAGCTAGGGGCGCGAACCGGATTAGATACCCTGGTAGTCCCTAGCTGTAAACGATGCGGA CTTGGTGTGGGGTGGCTTTGAGCTGTCCAGTGCCGAAGGGAAGCTGTTAAGTCC</p>
<p><i>Odoribacter</i> SILVA ID: AB490805.1.1478</p>	<p>CTCTTTTCTACTGGGAGAATAAGCCCTATGTATAAGGTGATGACAGTACAGTAGGAATAAGCATCGG CTAACTCCGTGCCAGCAGCCGCGGTAATACGGAGGATGCGAGCGTTATCCGGATTTATTGGGTTT AAAGGGTGCCTAGGCGGCTTTATAAGTTAGTGGTAAAATTTCCGAGCTTCACTCCGGTCCGCCAT TAAACTGTAGAGCTAGAGAATGGACGAGGTAGGCGGAATAAGTTAAGTAGCGGTGAAATGCATAG ATATACTTAGAACTCCGATAGCGAAGGCAGCTTACCAGACCATAACTGACGCTGATGCACGAGA GCGTGGGTAGCGAACAGGATTAGATACCCTGGTAGTCCACGCGTAAACGATGCTCACCGGCC TTAGCGATAAGACAGTTAGGGGTTAATTGAAAGAATTAAGTGAAGCCACC</p>
<p><i>Oxalobacter formigenes</i> SILVA ID: U49757.1.1488</p>	<p>TGTCAGGGAAGAAATTGATTGGGCTAATATCCCGATTAGATGACGGTACCTGAAGAATAAGCACCG GCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGGTGCAGCGTTAATCGGAATTACTGGGC GTAAAGCGTGCAGCAGGCGGTTGTGTAAGACAGATGTGAAATGCCCGGGCTCAACCTGGGAATTG CATTTGTGACTGCACGGCTAGAGTGTGTCAGAGGGGGGTAGAATCCACGTGTAGCAGTGAAT GCGTAGATATGTGGAGGAATACCGATGGCGAAGGCAGCCCCCTGGGATAACACTGACGCTCATG CACGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCACTAAACGATGTCCA CTAGTTGTTGGGTCTTAATAGACTTAGTAACGCAGCTAACGCGTGAAGTCGACCGC</p>
<p><i>Clostridium</i> SILVA ID: AB023971.1.1404 (The genus <i>Clostridium</i> corresponds to SILVA genus <i>Peptoclostridium</i>)</p>	<p>AGGCCTTCGGGTGCTAAAGCTCTGTCCTCAAGGAAGATAATGACGGTACTTGAGGAGGAAGCCC CGGCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGGGGCTAGCGTTATCCGGATTTACTGG GCGTAAAGGGTGCCTAGGCGGCTTTCAAGTCAAGGATTAAGGCTACGGCTCAACCGTAGTAA GCTCCTGATACTGTCTGACTTGAGTGCAGGAGAGGAAAGCGGAATCCAGTGTAGCGGTGAAA TGCGTAGATATTGGGAGGAACACCAGTAGCGAAGGCGGCTTTCTGGACTGTAAGTACGCTGAG GCACGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCTGTAAACGATGAGT ACTAGGTGTCCGAGGTTACCCCTTCGGTGCAGCTAACGCATTAAGTACTCCGCC</p>

<p><i>Clostridium difficile</i> SILVA ID: FN665653.3773870.3775372 (The species <i>Clostridium difficile</i> corresponds to SILVA species <i>Peptoclostridium difficile</i>)</p>	<p>AGGCCTTCGGGTCGTAAAACCTCTGTCCTCAAGGAAGATAATGACGGTACTTGAGGAGGAAGCCC CGGCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGGGGCTAGCGTTATCCGGATTTACTGG GCGTAAAGGGTGCCTAGGCGGTCTTTCAAGTCAGGAGTGAAAGGCTACGGCTCAACCGTATTAA GCTCTTAAAAGTGGGAGACTTGAGTGCAGGAGAGGAGAGTGGAATTCCTAGTGTAGCGGTGAAA TGCGTAGATATTAGGAGGAACACCAGTTGCGAAGGCGGCTCTCTGGACTGTAACGACGCTGAG GCACGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCTGTAACGATGAGT ACTAGGTGTCCGGGGTTACCCCTCGGTGCCGCAGCTAACGCATTAAGTACTCCGC</p>
<p><i>Prevotella</i> SILVA ID: AB547700.1.1481 (The genus <i>Prevotella</i> corresponds to the sum of SILVA genera <i>Prevotella</i>, <i>Prevotella 1</i>, <i>Prevotella 2</i>, <i>Prevotella 6</i>, <i>Prevotella 7</i> and <i>Prevotella 9</i>)</p>	<p>TGCTTTTATGCGGGGATAAAGTGAGGGACGTGTCTTCATTGCAGGTACCGCATGAATAAGGACC GGCTAATCCGTGCCAGCAGCCGCGGTAATACGGAAGGTCCGGGCGTTATCCGGATTTATTGGGT TTAAAGGGAGCGTAGGCCGTGGATTAAGCGTGTGTGAAATGCAGGTGCTCAACGTCTGCACTG CAGCGCGAACTGGTCCACTTGAGTGTGCGCAACGCAGGCGGAATTCGTCTGTAGCGGTGAAA TGCTTAGATATGACGAAGAACTCCGATTGCGAAGGCAGCTTGCGGGAGCACAACGACGCTGAA GCTCGAAAGTGCGGGTATCGAACAGGATTAGATACCCTGGTAGTCCGCACGGTAAACGATGGATG CCCGTTGTCAGGCTGTTTCAGCCTGGTGACCAAGCGAAAGCATTAAAGCATCCCACC</p>
<p><i>Roseburia</i> SILVA ID: AJ270473.1.1454</p>	<p>TATTTCCGGTATGTAAGCTCTATCAGCAGGGAAGAAGAAATGACGGTACCTGACTAAGAAGCACCG GCTAAATACGTGCCAGCAGCCGCGGTAATACGTATGGTGCAAGCGTTATCCGGATTTACTGGGTGT AAAGGGAGCGCAGGCCGGAAGGCTAAGTCTGATGTGAAAGCCCGGGGCTCAACCCCGGTAAGT CATTGAAAAGTGGTTCATCTAGAGTGTGCGAGGGGTAAGTGGAATTCCTAGTGTAGCGGTGAAATG CGTAGATATTAGGAGGAACACCAGTGGCGAAGGCGGCTTACTGGACGATAACTGACGCTGAGGC TCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGAATACT AGGTGTCGGAAGCACAGCTTTTCGGTGCCGCCGCAAACGCATTAAGTATTCCA</p>
<p><i>Ruminococcus albus</i> SILVA ID: X85098.1.1458</p>	<p>AGGTTTTAGGATTGTAACCTCTGTCTTTGGGGACGATAATGACGGTACCCAAGGAGGAAGCTCC GGCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGGAGCGAGCGTTGTCCGGAATTACTGGG TGTAAGGGAGCGTAGGCCGGATTGCAAGTCAGGTGTGAAATTTAGGGGCTTAACCCCTGAACT GCACTTGAAACTGTAGTTCTTGAGTGAAGTAGAGGTAAGCGGAATTCCTAGTGTAGCGGTGAAAT GCGTAGATATTAGGAGGAACATCAGTGGCGAAGGCGGCTTACTGGGCTTTAACTGACGCTGAGG CTCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGATTAC TAGGTGTGGGGGGACTGACCCCTTCCGTGCCGAGTTAACACAATAAGTAATCCAC</p>
<p><i>Salmonella</i> SILVA ID: AF029226.1.1498</p>	<p>CAGCGGGGAGGAAGGCGATAAGGTTAATAACCTTGTTGATTGACGTTACCCGCAGAAGAAGCAC CGGCTAACTCCGTGCCAGCAGCCGCGGTAATACGGAGGGTGCAAGCGTTAATCGGAATTACTGG GCGTAAAGCGCACGCAGGCGGTCTGTCAAGTCGGATGTGAAATCCCCGGGCTGAACCTGGGAA CTGCATCCGAAACTGGCAAGCTTGAGTCTCGTAGAGGGGGGTAGAATTCAGGTGTAGCGGTGA AATGCGTAGAGATCTGGAGGAATACCGGTGGCGAAGGCGGCCCCCTGGACGAAGACTGACGCT CAGGTGCGAAAAGGGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATG TCGACTTGAGGTTGTGCCCTTGAGGCGTGGCTTCCGGAGCTAACGCGTTAAGTCGACCG</p>

Salmonella enterica
SILVA ID:
AB273733.1.1331

CAGCGGGGAGGAAGGTGTTGTGGTTAATAACCGCAGCAATTGACGTTACCCGCAGAAGAAGCAC
CGGCTAACTCCGTGCCAGCAGCCGCGGTAATACGGAGGGTGCAAGCGTTAATCGGAATTACTGG
GCGTAAAGCGCACGCAGGCGGTCTGTCAAGTCGGATGTGAAATCCCCGGGCTCAACCTGGGAA
CTGCATTTCGAAACTGGCAGGCTTGAGTCTTGTAGAGGGGGGTAGAATTCCAGGTGTAGCGGTGA
AATGCGTAGAGATCTGGAGGAATACCGGTGGCGAAGGCGGCCCCCTGGACAAAGACTGACGCT
CAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAACGATG
TCTACTTGGAGGCTGTGCCCTTGAGGCGTGGCTTCCGGAGCTAACCGGTTAAGTAGACCG

Streptococcus sanguinis
SILVA ID:
AB002524.1.1358

GTAAGAGAAGAACGGGTGTGAGAGTGGAAAGTTCACACTGTGACGGTATCTTACCAGAAAGGGA
CGGCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGTCCCGAGCGTTGTCCGGATTTATTGG
GCGTAAAGCGAGCGCAGGCGGTTAGATAAGTCTGAAGTTAAAGGCTGTGGCTTAACCATAGTATG
CTTTGGAAACTGTTAACTTGAGTGCAGAAGGGGAGAGTGGAAATCCATGTGTAGCGGTGAAATG
CGTAGATATATGGAGGAACACCGGTGGCGAAAGCGGCTCTCTGGTCTGTAAGTACGCTGAGGC
TCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTTGTAGTCCACGCCGTAACGATGAGTGCT
AGGTGTTAGGCCCTTCCGGGGCTCAGTGCCGCAGCTAACGCATTAAGCACTCC

Veillonella
SILVA ID:
X84006.1.1513

AATCGGGACGAAAGGCCTTCTTGCGAATAGTTAGAAGGATTGACGGTACCGGAATAGAAAGCCAC
GGCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGTGGCAAGCGTTGTCCGGAATTATTGGG
CGTAAAGCGCGCGCAGGCGGATTGGTCAGTCTGTCTTAAAAGTTCGGGGCTTAACCCCGTGATG
GGATGGAAGCTGCCAATCTAGAGTATCGGAGAGGAAAGTGGAAATCCTAGTGTAGCGGTGAAATG
CGTAGATATTAGGAAGAACACCAGTGGCGAAGGCGACTTTCTGGACGAAAAGTACGCTGAGGC
GCGAAAGCCAGGGGAGCGAACGGGATTAGATACCCTGGTAGTCCGCGTAAACGATGGGTA
CTAGGTGTAGGAGGTATCGACCCCTTCTGTGCCGGAGTTAACGCAATAAGTACCCC

Vibrio cholerae
SILVA ID:
AY292952.1.1451

CAGTAGGGAGGAAGGTGGTTAAGTTAATACCTTAATCATTTGACGTTACCTACAGAAGAAGCACCG
GCTAACTCCGTGCCAGCAGCCGCGGTAATACGGAGGGTGCAAGCGTTAATCGGAATTACTGGGC
GTAAAGCGCATGCAGGTGGTTTGTAAAGTCAGATGTGAAAGCCCTGGGCTCAACCTAGGAATCG
CATTTGAAACTGACAAGCTAGAGTACTGTAGAGGGGGGTAGAATTCAGGTGTAGCGGTGAAATG
CGTAGAGATCTGAAGGAATACCGGTGGCGAAGGCGGCCCCCTGGACAGATACTGACACTCAGAT
GCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAACGATGTCTAC
TTGGAGGTTGTGCCCTAGAGGTGTGGCTTTCGGAGCTAACCGGTTAAGTAGACCG