

Dataset S1. 16S rRNA gene sequences, obtained with primers 27F, 1495R. Genbank accession numbers are displayed

> PK5 (Genbank: ON205586)

```
TGATGTTAGCGGCGGACGGGTGAGTAACACGTGGGTAACCTGCCTGTAAGACTGGGATAAC
TCCGGGAAACCGGGGCTAATACCGGATGCTTGTGTTGAACCGCATGGTTCAAACATAAAAGGT
GGCTTCGGCTACCACTTACAGATGGACCCGCGGCGCATTAGCTAGTTGGTGAGGTAACGGCT
CACCAAGGCAACGATGCGTAGCCGACCTGAGAGGGTGATCGGCCACACTGGGACTGAGACA
CGGCCCAGACTCCTACGGGAGGCAGCAGTAGGGAATCTTCCGCAATGGACGAAAGTCTGAC
GGAGCAACGCCGCGTGAGTGATGAAGGTTTTTCGGATCGTAAAGCTCTGTTGTTAGGGAAGA
ACAAGTACCGTTCGAATAGGGCGGTACCTTGACGGTACCTAACCAGAAAGCCACGGCTAAC
TACGTGCCAGCAGCCGCGGTAATACGTAGGTGGCAAGCGTTGTCCGGAATTATTGGGCGTAA
AGGGCTCGCAGGCGGTTTCCTTAAGTCTGATGTGAAAGCCCCCGGCTCAACCGGGGAGGGTC
ATTGGAACTGGGGAACCTTGAGTGCAGAAGAAGGAGAGTGGAATTCACGTGTAGCGGTGA
AATGCGTAGAGATGTGGAGGAACACCAGTGGGCGAAGGCGACTCTCTGGTCTGTAACCTGAC
GCTGAGGAGCGAAAGCGTGGGGAGCGAACAGGATTAGATACCCTGGTAGTCCACGCCGTAA
ACGATGAGTGCTAAGTGGTTAAGGGGGTTTCCGCCCCCTTAGTGCTGCAGCTAACGCATTAAG
CACTCCGCCTGGGGGAGTACGGTCGCAAGACTGAACTCAAAGGAATTGACGGGGGGCCCGC
ACAAGCGGTGGAGCATGTGGTTTAATTCGAAAGCAACGCGAAGAACCTTACCAGGTCTTGA
CATCCTCTGACAATCCTAGAAGATAGGACGTCCCC
```

>PK6 (Genbank: ON209645)

```
TGCAGTCGAGCGGATGAGAGGAGCTTGCTCCTGGATTTCAGCGGCGGACGGGTGAGTAATGC
CTAGGAATCTGCCTGGTAGTGGGGGACAACGTTTCGAAAGGAACGCTAATACCGCATAACGTC
CTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTA
GCTAGTTGGTGAGGTAATGGCTCACCAAGGCGACGATCCGTAACCTGGTCTGAGAGGATGATC
AGTCACACTGGAAGTGAAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTG
GACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTA
AAGCACTTTAAGTTGGGAGGAAGGGCAGTAAATTAATACTTTGCTGTTTTGACGTTACCGAC
AGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTA
ATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTCGTTAAGTTGAATGTGAAATCCCCG
GGCTCAACCTGGGAACTGCATCCAAAACCTGGCGAGCTAGAGTATGGTAGAGGGTGGTGGAA
TTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCA
CCTGGACTGATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCT
GGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGGAGCCTTGAGCTCTTAGTGCGCA
GCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAAACTCAAATGAATT
GACGGGGGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGAAGCAACGCGAAGAACCTT
ACCAGGCCTTGACATCCAATGAACCTTCCAGAGATGGATTGGTGCCTTCGGAACATTGAGA
CAGGTGCTGCATGGCTGTCGTCAGCTCGTGTGTCGTGAGATGTTGGGTAAAGTCCCGTAACGAG
CGCAACCCTTGTCCTTAGTTACCAGCACGTAATGGTGGGCACTCTAAGGAGACTGCCGGTGA
CAAACCGGAGGAAGGTGGGGATGACGTCAAGTCATCATGGCCCTTACGGCCTGGGCTACAC
ACGTGCTACAATGGTTCGGTACAAAGGGTTGCCAAGCCGCGAGGTGGAGCTAATCCCATAAA
ACCGATCGTAGTCCGGATCGCAGTCTGCAACTCGACTGCGTGAAGTCGGAATCGCTAGTAAT
CGTGAATCAGAATGTCACGGTGAATACGTTCCCGGGCCTTGACACACCGCCCGTCACACCA
TGGGAGTGGGTTGCACCAGAAGTAGCTAGTCTAACCTTCGGGAGGACGG
```

> PK11 (Genbank: ON209657)

```
ACGTTAGCGGCGGACGGGTGAGTAACACGTGGGCAACCTGCCTGTAAGACTGGGATAACTT
```

CGGGAAACCGAAGCTAATACCGGATAGGATCTTCTCCTTCATGGGAGATGATTGAAAGATG
GTTTCGGCTATCACTTACAGATGGGCCCCGGTGCATTAGCTAGTTGGTGAGGTAAACGGCTC
ACCAAGGCAACGATGCATAGCCGACCTGAGAGGGTGATCGGCCACACTGGGACTGAGACAC
GGCCCAGACTCCTACGGGAGGCAGCAGTAGGGAATCTTCCGCAATGGACGAAAGTCTGACG
GAGCAACGCCGCGTGAGTGATGAAGGCTTTCGGGTCGTAAAACCTCTGTTGTTAGGGAAGAA
CAAGTACGAGAGTAACTGCTCGTACCTTGACGGTACCTAACCAGAAAGCCACGGCTAACTAC
GTGCCAGCAGCCGCGGTAATACGTAGGTGGCAAGCGTTATCCGGAATTATTGGGCGTAAAG
CGCGCGCAGGCGGTTTCTTAAGTCTGATGTGAAAGCCCACGGCTCAACCGTGGAGGGTCATT
GGAAACTGGGGAACCTTGAGTGCAGAAGAGAAAAGCGGAATTCCACGTGTAGCGGTGAAATG
CGTAGAGATGTGGAGGAACACCAGTGGCGAAGGCGGGCTTTTTGGTCTGTAACCTGACGCTGA
GGCGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGAT
GAGTGCTAAGTGGTTAGAGGGTTTCCGCCCTTTAGTGCTGCAGCTAACGCATTAAGCACTCC
GCCTGGGGAGTACGGTCGCAAGACTGAAACTCAAAGGAATTGACGGGGGCCCCGCACAAGCG
GTGGAGCATGTGGTTTAATTCTGAAGCAACGCGAAGAACCTTACCAGGTCTTGACATCCTCTG
ACAACCTCTAGAGATAGAGCGTTCCTTCGGGGGGACAGAGTGACAGGTGGTGCATGGTTGT
CGTCAGCTCGTGTCTGAGATGTTGGGTAAAGTCCCGCAACGAGCGCAACCCTTGATCTTAG
TTGCCAGCATTTAGTTGGGCACTCTAAGGTGACTGCCGGTGACAAACCGGAGGAAGGTGGG
GATGACGTCAAATCATCATGCCCCCTTATGACCTGGGCTACACACGTGCTACAATGGATGGTA
CAAAGGGCTGCAAGACCGCGAGGTCAAGCCAATCCCATAAAACCATTTCTCAGTTCGGATTGT
AGGCTGCAACTCGCCTACATGAAGCTGGAATCGCTAGTAATCGCGGATCAGCATGCCGCGGT
GAATACGTTCCCGGGCCTTGTACACACCGCCCGTCACACCACGAGAGTTTGTAACACCCGAA
GTCGGTGGAGTAACCGTA

> PK14 (Genbank: ON209658)

GAGGTGCTTGACCTCTTTGAGAGCGGCGGACGGGTGAGTAATGCCTAGGAATCTGCCTGGT
AGTGGGGGATAACGCTCGGAAACGGACGCTAATACCGCATAACGTCCTACGGGAGAAAGCAG
GGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGAGGTAA
TGGCTCACCAAGGCGACGATCCGTAACCTGGTCTGAGAGGATGATCAGTCACACTGGAACCTG
AGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGC
CTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGG
AGGAAGGGCATTAACCTAATACGTTAGTGTTTTGACGTTACCGACAGAATAAGCACCGGCTA
ACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGT
AAAGCGCGCTAGGTGGTTCGTTAAGTTGGATGTGAAATCCCCGGGGCTCAACCTGGGAACT
GCATTCAAAACTGTCGAGCTAGAGTATGGTAGAGGGTGGGGGGGAATTTTCTGGGGTAGCG
GTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGACTGATACT
GACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCG
TAAACGATGTCAACTAGCCGTTGGGAGCCTTGAGCTCTTAGTGCGCAGCTAACGCATTAAG
TTGACCGCCTGGGGGAGTACGGCCGCAAGGTTAGAACTCAAATGAAATTGACGGGGGCCCCG
CACAAGCGGTGGAGCATGTGGTTTAATTCTGAAGCAACGCGAAGAACCTTACCAGGCCTTGA
CATCCAATGAACTTTCCAGAAGATGGATTGGTGCCTTCGGGAGCATTGAGACAGGTGCTGCA
TGGCTGTCGTCAGCTCGTGTCTGAGATGTTTGGGTAAAGTTCCTGTAACGAGCGCAACCCTT
GTCCTTAGTTACCAGCACGTTATGGTGGGCACTCTAAGGAGACTGCCGGTGACAAACCGGAG
GAAGGTGGGGATGACGTCAAGTCATCATGGCCCTTACGGCCTGGGCTACACACGTGCTACAA
TGGTTCGGTACAGAGGGTTGCCAAGCCGCGAGGTGGAGCTAATCCCACAAAACCGATCGTAG
TCCGGATCGCAGTCTGCAACTCGACTGCGTGAAGTCGGAATCGCTAGTAATCGCGAATCAGA
ATGTCCGGG

>PK18 (Genbank: ON209660)

CATGCAAGTCGAGCGGTAGAGAGAAGCTTGCTTCTCTTGAGAGCGGCGGACGGGTGAGTAA
TGCCTAGGAATCTGCCTGGTAGTGGGGGATAACGTTTCGAAACGGACGCTAATACCGCATAC
GTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGA
TTAGCTAGTTGGTGGGGTAATGGCTCACCAAGGCGACGATCCGTAACCTGGTCTGAGAGGATG
ATCAGTCACACTGGAACCTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATA
TTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTG
TAAAGCACTTTAAGTTGGGAGGAAGGGCAGTTACCTAATACGTGATTGTTTTGACGTTACCG
ACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGT
TAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTAAAGTTGGATGTGAAATCCC
CGGGCTCAACCTGGGAACCTGCATTCAAACTGACTGACTAGAGTATGGTAGAGGGTGGTGG
AATTTCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGAC
CACCTGGACTGATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACC
CTGGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGGAGCCTTGAGCTCTTAGTGCGG
CAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCAAATGAA
TTGACGGGGGCCCCGACAAAGCGGTGGAGCATGTGGTTTAATTCGAAGCAACGCGAAGAACC
TTACCAGGCCCTTGACATCCAATGAACTTTCTAGAGATAGATTGGTGCCTTCGGGAACATTGA
GACAGGTGCTGCATGGCTGTCGTCAGCTCGTGTCTGTGAGATGTTGGGTAAAGTCCCGTAACG
AGCGCAACCCCTTGTCCTTAGTTACCAGCACGTAATGGTGGGCACTCTAAGGAGACTGCCGGT
GACAAACCGGAGGAAGGTGGGGATGACGTCAAGTCATCATGGCCCTTACGGCCTGGGCTAC
ACACGTGCTACAATGGTTCGGTACAGAGGGTTGCCAAGCCGCGAGGTGGAGCTAATCCCAT
AAACCGATCGTAGTCCGGATCGCAGTCTGCAACTCGACTGCGTGAAGTCGGAATCGCTAGTA
ATCGCGAATCAGAATGTCGCGGTGAATACGTTCCCGGGCCTTGACACACCGCCCGTCACAC
CATGGGAGTGGGTTGCACCAGAAGTAGCTAGTCTAACCTTCGGGAGGACGGT

> PK19 (Genbank: ON209701)

CGAGCGAACTGATTAGAAGCTTGCTTCTATGACGTTAGCGGCGGACGGGTGAGTAACACGTG
GGCAACCTGCCTGTAAGACTGGGATAACTTCGGGAAACCGAAGCTAATACCGGATAGGATC
TTCTCCTTCATGGGAGATGATTGAAAGATGGTTTCGGCTATCACTTACAGATGGGCCCCGCG
TGCATTAGCTAGTTGGTGAAGTAACGGCTCACCAAGGCAACGATGCATAGCCGACCTGAGA
GGGTGATCGGCCACACTGGGACTGAGACACGGCCCAGACTCCTACGGGAGGCAGCAGTAGG
GAATCTTCCGCAATGGACGAAAGTCTGACGGAGCAACGCCGCGTGAGTGATGAAGGCTTTC
GGGTGCTAAAACCTCTGTTGTTAGGGAAGAACAAGTACGAGAGTAACTGCTCGTACCTTGACG
GTACCTAACCAGAAAGCCACGGCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGTGGC
AAGCGTTATCCGGAATTATTGGGCGTAAAGCGCGCGCAGGCGGTTTCTTAAGTCTGATGTGA
AAGCCACGGCTCAACCGTGGAGGGTCATTGGAAACTGGGGAACCTTGAGTGCAGAAGAGAA
AAGCGGAATTCCACGTGTAGCGGTGAAATGCGTAGAGATGTGGAGGAACACCAGTGGCGAA
GGCGGCTTTTTGGTCTGTAACCTGACGCTGAGGCGCGAAAGCGTGGGGAGCAAACAGGATTA
GATACCCTGGTAGTCCACGCCGTAAACGATGAGTGCTAAGTGTTAGAGGGTTTCCGCCCTTT
AGTGCTGCAGCTAACGCATTAAGCACTCCGCCTGGGGAGTACGGTCGCAAGACTGAAACTC
AAAGGAATTGACGGGGGCCCCGACAAAGCGGTGGAGCATGTGGTTTAATTCGAAGCAACGCG
AAGAACCTTACCAGGTCTTGACATCCTCTGACAACCTCTAGAGATAGAGCGTTCCCTTCGGG
GGACAGAGTGACAGGTGGTGCATGGTTGTCGTCAGCTCGTGTCTGTGAGATGTTGGGTAAAGT
CCCGCAACGAGCGCAACCCCTTGATCTTAGTTGCCAGCATTTAGTTGGGCACTCTAAGGTGAC
TGCCGGTGACAAACCGGAGGAAGGTGGGGATGACGTCAAATCATCATGCCCTTATGACCT
GGGCTACACACGTGCTACAATGGATGGTACAAAGGGCTGCAAGACCGCGAGGTCAAGCCAA

TCCCATAAAACCATTTCTCAGTTCGGATTGTAGGCTGCAACTCGCCTACATGAAGCTGGAATC
GCTAGTAATCGCGGATCAGCATGCCGCGGTGAATACGTTCCCG

>PK30 (Genbank: ON209684)

CATGCAGTCGAACGATGATGCCCAGCTTGCTGGGTGGATTAGTGGCGAACGGGTGAGTAAC
ACGTGAGTAACCTGCCCCTGA CTCTGGGATAAGCGTTGGAAACGACGTCTAATACTGGATAT
GATCACTGGCCGCATGGTCTGGTGGTGGAAAGATTTTTTGGTTGGGGATGGACTCGCGGCCT
ATCAGCTTGTTGGTGAGGTAATGGCTCACCAAGGCGACGACGGGTAGCCGGCCTGAGAGGG
TGACCGGCCACACTGGGACTGAGACACGGCCCAGACTCCTACGGGAGGCAGCAGTGGGGAA
TATTGCACAATGGGCGAAAGCCTGATGCAGCAACGCCGCGTGAGGGATGACGGCCTTCGGG
TTGTAAACCTCTTTTAGTAGGGAAGAAGCGAAAGTGACGGTACCTGCAGAAAAAGCACCGG
CTAACTACGTGCCAGCAGCCGCGGTAAACGTAGGGTGCAAGCGTTGTCCGGAATTATTGGG
CGTAAAGAGCTCGTAGGCGGTTTGTGCGCTCTGCTGTGAAATCCCGAGGCTCAACCTCGGGC
TTGCAGTGGGTACGGGCAGACTAGAGTGCGGTAGGGGAGATTGGAATTCCTGGTGTAGCGG
TGGAATGCGCAGATATCAGGAGGAACACCGATGGCGAAGGCAGATCTCTGGGCCGTAAC TG
ACGCTGAGGAGCGAAAGCATGGGGAGCGAACAGGATTAGATACCCTGGTAGTCCATGCCGT
AAACGTTGGGCGCTAGATGTAGGGACCTTTCCACGGTTTCTGTGTCTAGCTAACGCATTAA
GCGCCCCGCCTGGGGAGTACGGCCGCAAGGCTAAAAC TCAAAGGAATTGACGGGGGGCCCGC
ACAAGCGGCGGAGCATGCGGATTAATTCGATGCAACGCGAAGAACCTTACCAAGGCTTGAC
ATACACCGGAAACGGCCAGAGATGGTCGCCCCCTTGTGGTTCGGTGTACAGGTGGTGCATGGT
TGTCGTCAGCTCGTGTCTGTGAGATGTTGGGTAAAGTCCCGCAACGAGCGCAACCCTCGTTCT
ATGTTGCCAGCGGGTTATGCCGGGGACTCATAGGAGACTGCCGGGGTCAACTCGGAGGAAG
GTGGGGATGACGTCAAATCATCATGCCCCTTATGTCTTGGGCTTCACGCATGCTACAATGGC
CGGTACAAAGGGCTGCGATACCGTAAGGTGGAGCGAATCCCAAAAAGCCGGTCTCAGTTCG
GATTGAGGTCTGCAACTCGACCTCATGAAGTCGGAGTCGCTAGTAATCGCAGATCAGCAACG
CTGCGGTGAATACGTTCCCGGGCCTTGTACACACCGCCCGTCAAGTCATGAAAGTCGGTAAC
ACCCGAAGCCGGTGGCCTAACCT