2018 Field Sequences

>Z-A01-16SF.**(1268)**

GGGGGTTGACAGCTCGCTTCTCTTGAGAGCGGCGCGACGGGTGAGTAATGCCTAGGAATCTCGCCTGGTAGTGGGGGATAACGTTCGGAAACGGACGCTAATACCGCATACCTCCTACGGGAGAAAGCAGGGGACCTTCCGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTACCTAGTTGGTGGGGTAATGGCTCACCAAGGCCACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCACACTCCTACGGGAGGGAGCCGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGGCCCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGAGTTGGAGATTAATAGCCTGCCATTTTGACGTTTCCCCC **Pseudomonas sp. strain P31-2 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MH379666.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MH379666.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZN62MCWD016)**Length: 1095Number of Matches: 1**

>Z-A02-16SF.**(1309)**

TNGCTTCTCTTGAGAGCGCGCGNGACGCGGTGAGTAATGCCTAGGAATCTCGCCTGGTAGTGGGGGATAACGTTCGGAAACGGACGCTAATACCGCATACCTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGGGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGAGTTGTAGATTAATACTCTGCAATTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGGATGTGAAATCCCCGGGCTCAGCCCGGGAACTGCATTNAGCACTGACTGACACC **Pseudomonas sp. strain CQN3 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MN710593.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MN710593.1?report=genbank&log$=nuclalign&blast_rank=2&RID=ZN64Y1C3014)**Length: 1498Number of Matches: 1**

>Z-A03-16SF. **(1311)**

TTGNCTNTCTGATTCAGCGGCGGACGGGTGAGTAATGCCTAGGAATCTCGCCTGGTAGTGGGGGACAACGTCTCGAAAGGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGAGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCAGTAAGCGAATACCTTGCTGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGAATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATCCAAAACTGGCAAGCTAGAGTAGGGCAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGGCTCATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGAAGCCTTGAGCTTTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCAAATGAATTGACGGGGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGAAGCAACGCGAAGAACCTTACCAGGCCTTGACATCCAATGAACTTTCCAGAGATGGATTGGTGCCTTCGGGAGCATTGAGACAGGTGCTGCATGGCTGTCGTCAGCTCGTGTCGTGAGATGTTGGGTTAAGTCCCGTAACGAGCGCAACCCTTGTCCTTAGTTACCAGCACGTTATGGTGGGCACTCTAAGGAGACTGCCGGTGACAAACCCGAAGAAGGTGGGGATGACGTCAAGTCATCATGGCCCTTACGGCCTGGGCTACACACGTGCTACAATGGTCGGTACCGAGGGTTGCCCAGCCGCGAGGGGGAGCTAATCCNGAAAAACCGT **Pseudomonas sp. HP6G 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**KM187506.1**](https://www.ncbi.nlm.nih.gov/nucleotide/KM187506.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZN68VV7J016)**Length: 1398Number of Matches: 1**

>Z-A04-16SF.**(1174)**

TTGCTTCTCTTGAGAGCGGCGGACGGGTGAGTAATGCCTAGGAATCTGCCTGGTAGTGGGGGATAACGTTCGGAAACGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGGGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCTATTACCTAATACGTGATGGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGGATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATTCAAAACTGACTGACTAGAGTATGGTAGAGGGTGGTGGAATTTCCTGTGTATCGGTGAAATGCGTAGATATAGGAAGGGGGACCCCCGTCGAAAGCGAGGACCCGGACTGATACTGACGCTTTTGCGCGCCACCCCGGGAAGCCAACACGATTAAAAACACTGGTAGTCCACCCCGTATAAAATNTCTTCCNGGGGGTGGGNGCGGNNATCTCCTCCTGGCGCAACTAACACCCTAAGGTGACTTCCCCCCGCGGTATATCCCGCAAAGCGGTGAGCCCCCCTGNATTGAA **Pseudomonas sp. pfB13 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**AY336542.1**](https://www.ncbi.nlm.nih.gov/nucleotide/AY336542.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZN6CSSEZ014)**Length: 800Number of Matches: 1**

>Z-A05-16SF. **(1180)**

TTGCTTCTCTTGAGAGCGGCGGACGGGTGAGTAATGCCTAGGAATCTGCCTGGTAGTGGGGGATAACGTTCGGAAACGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGGGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCTATTACCTAATACGTGATGGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGGATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATTCAAAACTGACTGACTAGAGTATGGTAGAGGGTGGTGGAATTTCCTGTGTATCGGTGAAATGCGTAGATATAGGAAGGGGGACCCCCGTCGAAAGCGAGGACCCGGACTGATACTGACGCTTTTGCGCGCCACCCCGGGAAGCCAACACGATTAAAAACACTGGTAGTCCACCCCGTATAAAATNTCTTCCNGGGGGTGGGNGCGGNNATCTCCTCCTGGCGCAACTAACACCCTAAGGTGACTTCCCCCCGCGGTATATCCCGCAAAGCGGTGAGCCCCCCTGNATTGAA **Pseudomonas sp. pfB13 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**AY336542.1**](https://www.ncbi.nlm.nih.gov/nucleotide/AY336542.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZN6H2VVA016)**Length: 800Number of Matches: 1**

>Z-A06-16SF. **(1290)**

NNNNN

>Z-A07-16SF. **(1283)**

CATAAAAAAAAAGTTTTCTCCTTTTTGTGGGGACGGAGGGGGGGAGAAGTGTAAATGTTATTTTGACCAGTCCCCCTGGGAGAGGGTTAATATTTGGGAGGAGGATATCTTAAACACCCTACTCTAAAAAACAAAATAGGGGAGGTTCCTTCCCCCCCCCCTCAGATGAAGGCCCAGAACACTCCATCTTCTGGCGGGG **No significant similarity**

>Z-A08-16SF. **(1301)**

GCTTGCTCTTGGGTGACGAGTGGCGGACGGGTGAGTAATGTCTGGGAAACTGCCCGATGGAGGGGGATAACTACTGGAAACGGTAGCTAATACCGCATAACGTCTTCGGACCAAAGTGGGGGACCTTCGGGCCTCACACCATCGGATGTGCCCAGATGGGATTAGCTAGTAGGTGGGGTAACGGCTCACCTAGGCGACGATCCCTAGCTGGTCTGAGAGGATGACCAGCCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGCACAATGGGCGCAAGCCTGATGCAGCCATGCCGCGTGTATGAAGAAGGCCTTCGGGTTGTAAAGTACTTTCAGTGGGGAGGAAGGCGAAGAGGTTAATAACCTTTTCGATTGACGTTACCCGCAGAAGAAGCACCGGCTAACTCCGTGCCAGCAGCCGCGGTAATACGGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCACGCAGGCGGTCTGTCAAGTCGGATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATTCGAAACTGGCAGGCTAGAGTCTTGTAGAGGGGGGTAGAATTCCAGGTGTAGCGGTGAAATGCGTAGAGATCTGGAGGAATACCGGTGGCGAAGGCGGCCCCCTGGACAAAGACTGACGCTCAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCCACTTGGAGGTTGTGCCCTTGAGGCGTGGCTTCCGGAGCTAACGCGTTAAGTCNACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCACATGAATTGACGGGGNCGCGCACAAACGGTGGAGCATGTGGTTTAATTCGATGCACCGCGCAGAAACTTACCTGGGCTTGACATCCACCGAATTCTGCAAGAAGCCTATGCCTTCCGGGAACCTGAAAACAAGTG **Erwinia sp. strain CA15-34 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MH769011.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MH769011.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR1PNC5R01R)**Length: 1400Number of Matches: 1**

>z-A09-16SF. **(1330)**

GAGCTTGCTCTTATGGGTGGCGAGTGGCGGACGGGTGAGGAATACATCGGAATCTACCTTTTCGTGGGGGATAACGTAGGGAAACTTACGCTAATACCGCATACGACCTTCGGGTGAAAGCAGGGGACCTTCGGGCCTTGCGCGGATAGATGAGCCGATGTCGGATTAGCTAGTTGGCGGGGTAAAGGCCCACCAAGGCGACGATCCGTAGCTGGTCTGAGAGGATGATCAGCCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGCAAGCCTGATCCAGCCATACCGCGTGGGTGAAGAAGGCCTTCGGGTTGTAAAGCCCTTTTGTTGGGAAAGAAAAGCAGTCGGCTAATACCCGGTTGTTCTGACGGTACCCAAAGAATAAGCACCGGCTAACTTCGTGCCAGCAGCCGCGGTAATACGAAGGGTGCAAGCGTTACTCGGAATTACTGGGCGTAAAGCGTGCGTAGGTGGTTGTTTAAGTCTGTTGTGAAAGCCCTGGGCTCAACCTGGGAATTGCAGTGGATACTGGGCGACTAGAGTGTGGTAGAGGGTAGTGGAATTCCCGGTGTAGCAGTGAAATGCGTAGAGATCGGGAGGAACATCCATGGCGAAGGCAGCTACCTGGACCAACACTGACACTGAGGCACGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCCTAAACGATGCGAACTGGATGTTGGGTGCAATTTGGCACGCAGTATCGAAGCTAACGCGTTAAGTTCGCCGCCTGGGGAGTACGGTCGCAAGACTGAAACTCAAAGGAATTGACGGGGGCCCGCACAAGCGGTGGAGTATGTGGTTTAATTTCGATGCAACGCGAAGAACCTTACCTGGTCTTGACATGTCGAGAACTTTCCAGAGATGGATTGGTGCCTTCGGGAACTCGAACACAGGTGCTGCATGGCTGTCGTCAGCTCGTGTCGTGAGATGTTGGGTTAAGTCCCGCAACGAGCGCAACCCTGGTCCTTAGTTGCCAGCACGTAATGGGTGGGAACTCCTAAGGAGACCGCCCGGTGACNAACCCGGAGGAA **Stenotrophomonas sp. strain H9 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MH885483.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MH885483.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR2CFPTB014)**Length: 1394Number of Matches: 1**

>Z-A10-16SF. **(1331)**

TGCTTCTCTTGAGAGCGCGCGCGACGCGGTGAGTAATGCCTAGGAATCTGCCTGGTAGTGGGGGATAACGTCCGGAAACGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGAGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCAGTTACCTAATACGTGATTGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGGATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATTCAAAACTGACTGACTAGAGTATGGTAAAGGGTGGTGGAATTTCCCGG **Pseudomonas trivialis strain VT20B 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MK100814.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MK100814.1?report=genbank&log$=nuclalign&blast_rank=3&RID=ZR2HD811016)**Length: 1499Number of Matches: 1**

>A11-16SF. **(1304)**

GCTTGCTTCTCTTGAGAGCGCGCGCGACGGGTGAGTAATGCCTAGGAATCTGCCTGGTAGTGGGGGATAACGTTCGGAAACGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGGGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCCATTACCTAATACGTGATGGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGGATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATTCAAAACTGACTGACTAGAGTATGGTAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGACTGATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAGACGATGTCAACTAGCCGTTGGGAGCCTTGAGCTCTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCCCATGAATTGACGGGGGCGCGCCCAAACAGTGGAGCATGTGGTTTAATTCGAAGCAACGCGAAGAAACCTTACCAGGCCTTGACATGCCATGAACTTTCNTCGAGATAGATTGGTGCCTTCGCGGAACATTTTNCACAAGTGCTGGCATGGGCTGGNGTTCAGCTCCTTGTCCCGAGATGGTAGAGTTAACTCC **Pseudomonas fulva strain SW20 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**KT363045.1**](https://www.ncbi.nlm.nih.gov/nucleotide/KT363045.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR2PW086014)**Length: 1460Number of Matches: 1**

>Z-A1216SF.**(1255)**

CTGNTCTCTCNATTCNGCGNGCGCGACGGGTGAGTAATGCCTAGGAATCTCGCCTGGTAGTGGGGGACAACGTCTCGAAAGGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGAGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCAGTAAGCGAATACCTTGCTGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGAATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATCCAAAACTGGCAAGCTAGAGTAGGGCAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGGCTCATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGAAGCCTTGAGCTTTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCAAATGAATTGACGGGGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGAAGCAACGCGAAGAACCTTACCAGGCCTTGACATCCAATGAACTTTCCAGAGATGGATTGGTGCCTTCGGGAACATTGAGACAGGTGCTGCATGGCTGTCGTCAGCTCGTGTCGTGAGATGTTGGGTTAAGTCCCGTAACGAGCGCAACCCTTGTCCTTAGTTACCAGCACATTATGGTGGGCACTCTAAGGAGACTGCCGGTGACAAACCGGAGGAAGGTGGGGATGACGTCAAGTCATC **Pseudomonas graminis strain I-S-L3-8 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MK398023.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MK398023.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR2WPB5G014)**Length: 1406Number of Matches: 1**

>Z-B01-16SF.**(1261)**

CTNGCTCTCTGATTCNGCGNGCGCGACGGGTGAGTAATGCCTAGGAATCTCGCCTGGTAGTGGGGGACAACGTCTCGAAAGGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGAGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCAGTAAGCGAATACCTTGCTGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGAATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATCCAAAACTGGCAAGCTAGAGTAGGGCAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGGCTCATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGAAGCCTTGAGCTTTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCAAATGAATTGACGGGGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGAAGCAACGCGAAGAACCTTACCAGGCCTTGACATCCAATGAACTTTCCAGAGATGGATCGGTGCCTTCGGGAACATTGAGACAGGTGCTGCATGGCTGTCGTCACCTCGTGTCGTGAGATGTTGGGTTAAGTCCCGTAACGAGCGCAACCCTTGTCCTTAGTTACCAGCACATTATGGTGGGCACTCTCACGAAACTGCCGGTGACAACCCGCACGACGGTGGGGATGACGTCAAGTCCTCATGGCCCTTACGGCTGGGCTACACACGTGCTANNGGGTCAGGAC

**Pseudomonas graminis strain I-S-L3-8 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MK398023.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MK398023.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR34NXMY014)**Length: 1406Number of Matches: 1**

>Z-B02-16SF.**(1263)**

TTNGCTCTCTGNATTCAGCGCGCGGACGGGTGAGTAATGCCTAGGAATCTGCCTGGTAGTGGGGGACAACGTCTCGAAAGGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGAGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCAGTAAGCGAATACCTTGCTGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGAATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATCCAAAACTGGCAAGCTAGAGTAGGGCAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGGCTCATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGAAGCCTTGAGCTTTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCACATGAATTGACGGGGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGAAGCAACGCGAAGAACCTTACCAGGCCTTGACATCCAATGAACTTTCCAGAGATGGATCGGTGCCTTCGGGAACATTGAGACAGGTGCTGCATGGCTGTCGTCAGCTCGTGTCGTGAGATGTTGGGTTAAGTCCCAGTAACGAGGCGCAACCCCTTGTCCTTAAGTACCAGCACCTTATGGGTGGGGAGTTCTAAGGAAAACTGCCGGCTGGACCAAACCCGCAAGAAACGNGGGGATGACGTCCAGAT **Pseudomonas sp. strain InS319 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MN315408.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MN315408.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR3BBNMA014)**Length: 1498Number of Matches: 1**

>Z-B03-16SF. **(1264)**

CTTGCTCTCTGATTCAGCGGCGGACGGGTGAGTAATGCCTAGGAATCTGCCTGGTAGTGGGGGACAACGTCTCGAAAGGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGAGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCAGTAAGCGAATACCTTGCTGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGAATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATCCAAAACTGGCAAGCTAGAGTAGGGCAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGGCTCATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGAAGCCTTGAGCTTTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCAAATGAATTGACGGGGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGAAGCAACGCGAAGAACCTTACCAGGCCTTGACATCCCATGAACTTTCCAGAGATGGATCGGTGCCTTCGGGAACATTGAGACAGGTGCTGCATGGCTGTCGTCAGCTCGTGTCGTGAGATGTTGGGGTTAANTCCCGTAACGAGCCCCACCCCTT **Pseudomonas graminis isolate PDD-32b-60 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**HQ256858.1**](https://www.ncbi.nlm.nih.gov/nucleotide/HQ256858.1?report=genbank&log$=nuclalign&blast_rank=3&RID=ZR3J1KRE014)**Length: 1399Number of Matches: 1**

>Z-B04-16SF. **(1266)**

CTTNGCTCTCTGATTCNGCGCGCGCGACGGGTGAGTAATGCCTAGGAATCTCGCCTGGTAGTGGGGGACAACGTCTCGAAAGGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGAGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCAGTAAGCGAATACCTTGCTGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGAATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATCCAAAACTGGCAAGCTAGAGTAGGGCAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGGCTCATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGAAGCCTTGAGCTTTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAGAACTCACATGAATTGACGGGGGCCCGCACAAGCCGTGGAGCATGTGGTTTAATTCGAAGCAACGCNAAGAACCTTACCAGGCCTTGACATCCAATGAACTTTCCCGAGATGGATCGGTGCCTTCGGGAACATTGATACAGGTGCTGCATGGCTGTCGTCACCTCTTGTCGTGAGATGTTGGGTTAAGTCCCGTAACCAGCGCAACCCTTGTCCTTATTTACCAGCCCATTAGGGTGGGGACTCTAAGGNGAC **Pseudomonas graminis strain I-S-L3-8 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MK398023.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MK398023.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR3SAS6B014)**Length: 1406Number of Matches: 1**

>Z-B05-16SF. **(1334)**

CTTNGCTCTCTGATTCNGCGCGCGCGACGGGTGAGTAATGCCTAGGAATCTCGCCTGGTAGTGGGGGACAACGTCTCGAAAGGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGAGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCAGTAAGCGAATACCTTGCTGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGAATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATCCAAAACTGGCAAGCTAGAGTAGGGCAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGGCTCATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGAAGCCTTGAGCTTTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAGAACTCACATGAATTGACGGGGGCCCGCACAAGCCGTGGAGCATGTGGTTTAATTCGAAGCAACGCNAAGAACCTTACCAGGCCTTGACATCCAATGAACTTTCCCGAGATGGATCGGTGCCTTCGGGAACATTGATACAGGTGCTGCATGGCTGTCGTCACCTCTTGTCGTGAGATGTTGGGTTAAGTCCCGTAACCAGCGCAACCCTTGTCCTTATTTACCAGCCCATTAGGGTGGGGACTCTAAGGNGAC **Pseudomonas graminis strain I-S-L3-8 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MK398023.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MK398023.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR781EF201R)**Length: 1406Number of Matches: 1**

>Z-B06-16SF. **(1267)**

GCTTCTCTTGAGAGCGCGCGCGACGGGTGAGTAATGCCTAGGAATCTCGCCTGGTAGTGGGGGATAACGTTCGGAAACGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGGGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGAGTTGTAGATTAATACTCTGCAATTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGGATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATTCAAAACTGACTGACTAGAGTATGGTAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGACTAATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGAAGCCTTGAGCTTTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCACATGAATTGACGGGGGCCCGCACAAACGGTGGAGCATGTGGTTTAATTCGAAGCAACGCGAAGAACCTTACCAGGCCTTGACATCCAATGAACTTTCCAGAGATGGATTGGTGCNTTCGCGAACATTGAGACAGGTGCTGCATGGCTGTCGTCAGCTCTTGTCGTGAGATGGTGGGTTAAGTCCCCTACNAGCGCAACCCTGTCCTTATTACCACCACTAGTGGGGGGNGCTCTAAGCAAACTGCCGTGACAGACNGCA **Pseudomonas graminis strain I-S-L3-8 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MK398023.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MK398023.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR781EF201R)**Length: 1406Number of Matches: 1**

>Z-B07-16SF. **(1335)**

TGCTTCTCTTNGAGAGCGGCGCGACGCGGTGAGTAATGCCTAGGAATCTCGCCTGGTAGTGGGGGATAACGTTCGGAAACGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGGGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGAGTTGTAGATTAATACTCTGCAATTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGGATGTGAAATCCCCGGGCTCAACCTGGGAACTGGGTTCTAAACTGAGTGACTANAGTATGGNACAGGGTGGGGGGGACTTCCCGGGTGTCCGCGCAACAGCGCCAAAATAGGGCCGAGGAGGCCCCCTCCCCCGGG **Pseudomonas sp. NCCP-1806 gene for 16S ribosomal RNA, partial sequence**

**Sequence ID:**[**LC270242.1**](https://www.ncbi.nlm.nih.gov/nucleotide/LC270242.1?report=genbank&log$=nuclalign&blast_rank=4&RID=ZR7JDWAP014)**Length: 882Number of Matches: 1**

>z-B08-16SF. **(1336)**

AGCTTGCTCTTGGGTGACGAGTGGCGGACGGGTGAGTAATGTCTGGGAAACTGCCCGATGGAGGGGGATAACTACTGGAAACGGTAGCTAATACCGCATAACGTCTACGGACCAAAGTGGGGGACCTTCGGGCCTCACACCATCGGATGTGCCCAGATGGGATTAGCTGGTAGGTGGGGTAACGGCTCACCTAGGCGACGATCCCTAGCTGGTCTGAGAGGATGACCAGCCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGCACAATGGGCGCAAGCCTGATGCAGCCATGCCGCGTGTATGAAGAAGGCCTTCGGGTTGTAAAGTACTTTCAGCGGGGAGGAAGGGTGAGAGGTTAATAACCTCTTGCATTGACGTTACCCGCAGAAGAAGCACCGGCTAACTCCGTGCCAGCAGCCGCGGTAATACGGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCACGCAGGCGGTCTGTCAAGTCGGATGTGAAATCCCCGGGCTTAACCTGGGAACTGCATTCGAAACTGGCAGGCTAGAGTCTCGTAGAGGGGGGTAGAATTCCAGGTGTAGCGGTGAAATGCGTAGAGATCTGGAGGAATACCGGTGGCGAAGGCGGCCCCCTGGACGAAGACTGACGCTCAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCCACTTGGAGGCTGTTCCCCTGAGGAGTGGCTTCCGGAGCTAACGCGTTAAGTCNACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCACATGAATTGACGGGGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGATGCACCGCGAAGAAACTTACCTGGCCTTGACATCCACTGAATTCTGCACAGATGCGCAAGTGCCTTCTGGAACCGTGAGACAAGTGCTGCATGGCTGTCGTCAGCTCGCGCTGTGAAATGTTGCGTTAAGTCCCCCACCAGCGCAACCCTTATCCTTTGTTGNAGCGATTCGGTCGGGGACTCCAAAA **Erwinia amylovora strain GA3 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MK211752.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MK211752.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR7WYEPN014)**Length: 1412Number of Matches: 1**

>Z-B09-16SF. **(1323)**

GCTTGCTCTTGGGTGACGAGTGGCGGACGGGTGAGTAATGTCTGGGAAACTGCCCGATGGAGGGGGATAACTACTGGAAACGGTAGCTAATACCGCATAACGTCTACGGACCAAAGTGGGGGACCTTCGGGCCTCACACCATCGGATGTGCCCAGATGGGATTAGCTGGTAGGTGAGGTAACGGCTCACCTAGGCGACGATCCCTAGCTGGTCTGAGAGGATGACCAGCCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGCACAATGGGCGCAAGCCTGATGCAGCCATGCCGCGTGTATGAAGAAGGCCTTCGGGTTGTAAAGTACTTTCAGCGGGGAGGAAGGGTGAGAGGTTAATAACCTCTTGCATTGACGTTACCCGCAGAAGAAGCACCGGCTAACTCCGTGCCAGCAGCCGCGGTAATACGGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCACGCAGGCGGTCTGTCAAGTCGGATGTGAAATCCCCGGGCTTAACCTGGGAACTGCATTCGAAACTGGCAGGCTAGAGTCTCGTAGAGGGGGGTAGAATTCCAGGTGTAGCGGTGAAATGCGTAGAGATCTGGAGGAATACCGGTGGCGAAGGCGGCCCCCTGGACGAAGACTGACGCTCAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCGACTTGGAGGCTGTTCCCCTGAGGAGTGGCTTCCGGAGCTAACGCGTTAAGTCGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCAAATGAATTGACGGGGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGATGCAACGCGAAGAACCTTACCTGGCCTTGACATCCACGGAATTCTGCAGAGATGCGGAAGTGCCTTCGGGAACCGTGAGACAGGTGCTGCATGGCTGTCGTCAGCTCGTGTTGTGAAATGTTGGGTTAAGTCCCGCAACGAGCGCAACCCTTATCCTTTGTTGCCAGCGATTCGGTCGGGAACTCCAAGGAGACTGCCGGTGATAAACCCGGAAGAAAGGNGGGGATGACGTCCAAGTCATCATGGCCCCTTACGGCCAGGGCTACCCACGTGCTAACAATGGGCGCATACAAAGAAAAAGCGACCNNCGCGA **Erwinia amylovora strain HAMI18 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MF780734.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MF780734.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR82CSPV014)**Length: 1450Number of Matches: 1**

>Z-B10-16SF.**(1276)**

AGCTTGCTCTTGGGTGACGAGTGGCGGACGGGTGAGTAATGTCTGGGAAACTGCCCGATGGAGGGGGATAACTACTGGAAACGGTAGCTAATACCGCATAACGTCTACGGACCAAAGTGGGGGACCTTCGGGCCTCACACCATCGGATGTGCCCAGATGGGATTAGCTGGTAGGTGAGGTAACGGCTCACCTAGGCGACGATCCCTAGCTGGTCTGAGAGGATGACCAGCCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGCACAATGGGCGCAAGCCTGATGCAGCCATGCCGCGTGTATGAAGAAGGCCTTCGGGTTGTAAAGTACTTTCAGCGGGGAGGAAGGGTGAGAGGTTAATAACCTTTTGCATTGACGTTACCCGCAGAAGAAGCACCGGCTAACTCCGTGCCAGCAGCCGCGGTAATACGGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCACGCAGGCGGTCTGTCAAGTCGGATGTGAAATCCCCGGGCTTAACCTGGGAACTGCATTCGAAACTGGCAGGCTAGAGTCTCGTAGAGGGGGGTAGAATTCCAGGTGTAGCGGTGAAATGCGTAGAGATCTGGAGGAATACCGGTGGCGAAGGCGGCCCCCTGGACGAAGACTGACGCTCAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAGACGATGTCGACTTGGAGGCTGTTCCCCTGAGGAGTGGCTTCCGGAGCTAACGCGTTAAGTCGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCACATGAATTGACGGGGGCCCGCACAAACGGTGGAGCATGTGGTTTAATTCGATGCAACGCGAAGAACCTTACCTGGCCTTGACATCCACGGAATTCTGCANAAGATGCGGAAAGTGCCCTTCGGGTAACCGTGAAAACAGGGTGCTGGCATGGCTGGTCGTCAGCTCCGTGTTGGTGAAAATGTTGGGGTTAAGGTCCCCCCAACCGAGCCGCAAACCCTTTATCCTTTTGGTTGGCCAGCGGATTTCGGGTCGGGGAAACTCCAAACGAAAAACTGGCCGGGTGGATAAAACCCG **Erwinia amylovora strain HAMI18 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MF780734.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MF780734.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR88ZMTP01R)**Length: 1450Number of Matches: 1**

>B11-16SF.**(1287)**

CTTGCTCTTGGGTGACGAGTGGCGGACGGGTGAGTAATGTCTGGGAAACTGCCCGATGGAGGGGGATAACTACTGGAAACGGTAGCTAATACCGCATAACGTCTACGGACCAAAGTGGGGGACCTTCGGGCCTCACACCATCGGATGTGCCCAGATGGGATTAGCTGGTAGGTGAGGTAACGGCTCACCTAGGCGACGATCCCTAGCTGGTCTGAGAGGATGACCAGCCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGCACAATGGGCGCAAGCCTGATGCAGCCATGCCGCGTGTATGAAGAAGGCCTTCGGGTTGTAAAGTACTTTCAGCGGGGAGGAAGGGTGAGAGGTTAATAACCTTTTGCATTGACGTTACCCGCAGAAGAAGCACCGGCTAACTCCGTGCCAGCAGCCGCGGTAATACGGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCACGCAGGCGGTCTGTCAAGTCGGATGTGAAATCCCCGGGCTTAACCTGGGAACTGCATTCGAAACTGGCAGGCTAGAGTCTCGTAGAGG

GGGGTAGAATTCCAGGTGTAGCGGTGAAATGCGTAGAGATCTGGAGGAATACCGGTGGCGAAGGCGGCCCCCTGGACGAAGACTGACGCTCAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCCACTTGGAGGCTGTTCCCCTGAGGAGTGGCTTCCGGAGCTAACGCGTTAAGTCGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCACATGAATTGACGGGGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGATGCAACGCGAAGAACCTTACCTGGCCTTGACATCCACGGAATTCTGCAGAGATGCGGAAGTGCCTTCTGGAACCGTGAGACAAGTGCTGCATGGCTGTCGTCAGCTCGTGTTGTGAAATGTTGGGTTAAGTCCCGCACCGAGCGCAACCCCTTATCCTTTGTTGCCAGCCGATTCGGTCGGGAACTCAAAGGAGACTGGCCGGTGATAAACCCGAAGAAAGGTGGGGGATGANGTCAACTCATCCAGGGCCCTTACGGCCCAGGGCTACCNCNGTGCTA **Erwinia amylovora strain HAMI18 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MF780734.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MF780734.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR8HPN0B01R)**Length: 1450Number of Matches: 1**

>B12-16SF. **(1278)**

AGCTTGCTCTTGGGTGACGAGTGGCGGACGGGTGAGTAATGTCTGGGAAACTGCCCGATGGAGGGGGATAACTACTGGAAACGGTAGCTAATACCGCATAACGTCTACGGACCAAAGTGGGGGACCTTCGGGCCTCACACCATCGGATGTGCCCAGATGGGATTAGCTGGTAGGTGGGGTAACGGCTCACCTAGGCGACGATCCCTAGCTGGTCTGAGAGGATGACCAGCCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGCACAATGGGCGCAAGCCTGATGCAGCCATGCCGCGTGTATGAAGAAGGCCTTCGGGTTGTAAAGTACTTTCAGCGGGGAGGAAGGGTGAGAGGTTAATAACCTTTTGCATTGACGTTACCCGCAGAAGAAGCACCGGCTAACTCCGTGCCAGCAGCCGCGGTAATACGGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCACGCAGGCGGTCTGTCAAGTCGGATGTGAAATCCCCGGGCTTAACCTGGGAACTGCATTCGAAACTGGCAGGCTAGAGTCTCGTAGAGGGGGGTAGAATTCCAGGTGTAGCGGTGAAATGCGTAGAGATCTGGAGGAATACCGGTGGCGAAGGCGGCCCCCTGGACGAAGACTGACGCTCAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCCACTTGGAGGCTGTTCCCCTGAGGAGTGGCTTCCGGAGCTAACGCGTTAAGTCTACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCACATGAATTGACGGGGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGATGCAACGCGAAGAACCTTACCTGGCCTTGACATCCACGGAATTCTGCAGAGATGCGGAAGTGCCTTCNGGAAACCCTGAGACAGGTGCTGCATGGCTGTCGTCAGCTCNNGTTGTGAAATGTTGGGTTAAGTCCCGCACCGAGNGCAACCCTTATCCTTTGTTGCCGCCGATTCGGTCGGGAACTCAAAAGAGAACTGCCNGGTGATAAAACCCCCAGAAAAGGTGGGGNATGACGTCT **Erwinia amylovora strain GA3 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MK211752.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MK211752.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR8T6P8Y01R)**Length: 1412Number of Matches: 1**

>Z-C01-16SF. **(1312)**

GCTTGCTCTCTGATTCNGCGCGCGGACGGGTGAGTAATGCCTAGGAATCTGCCTGGTAGTGGGGGACAACGTCTCGAAAGGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGAGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCAGTAAGCGAATACCTTGCTGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGAATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATCCAAAACTGGCAAGCTAGAGTAGGGCAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGGCTCATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGAAGCCTTGAGCTTTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCACATGAATTGACGGGGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGAAGCAACGCGAAGAACCTTACCAGGCCTTGACATCCAATGAACTTTCCAGAGATGGATTGGTGCCTTCGGGAACATTGAGACAGGTGCTGCATGGCTGTCGTCAGCTCGTGTCGTGAGATGTTGGGTTAAGTCCCGTAACGAGCGCAACCCTTGTCCTTAGTTACCAGCACATAAGGGGTGGGCACTCTAAGGAGACTGCCGGTGAACAAACCGGAAGAAGGTGGGGATGACGTCAAGTCATCAGGGCCCTTACGGCCTGGGCTACCCACGTGCTACCATGGGTCGGTACCAAGGGTTGCCAAGCCCGCGAGGTGGAGCTAATCCCAGAAAACCCAACGAAANTCCGGAACCCAATCCGCCACTCCACCGGCGGAA **Pseudomonas graminis strain R2SsM3P1C4 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**KF147094.1**](https://www.ncbi.nlm.nih.gov/nucleotide/KF147094.1?report=genbank&log$=nuclalign&blast_rank=1&RID=01VTNT3F014)**Length: 1429Number of Matches: 1**

>Z-C02-16SF.**(1175)**

TGCTCTCTGATTCNNCGCGCGCGACGGGTGAGTAATGCCTAGGAATCTGCCTGGTAGTGGGGGACAACGTCTCGAAAGGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGAGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCAGTAAGCGAATACCTTGCTGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGAATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATCCAAAACTGGCAAGCTAGAGTAGGGCAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGGCTCATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGAAGCCTTGAGCTTTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCACATGAATTGACGGGGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGAAGCAACGCGAAGAACCTTACCAGGCCTTGACATCCAATGAACTTTCCAGAGATGGATTGGTGCCTTCGGGAACATTGAGACAGGTGCTGCATGGCTGTCGTCAGCTCGTGTCGTGAGATGTTGGGTTAAGTCCCGTAACGAGCGCAACCCTTGTCCTTAGTTACCAGCACATAATGGTGGGCACTCTAAGGAGACTGCCGGTGACAAACCGGAAGAAAGGTGGGGGATGACGTCAAGTCATCAGGGCCCTTACGGCCTGGGGCTACCCACGTGCTACAATGGGTCCGGTACCGAAGGGTTGCCCAAGCCCGCGAGGTGGAGCTTAATCCCCGAAAAACCCGATTNT **Pseudomonas graminis strain R2SsM3P1C4 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**KF147094.1**](https://www.ncbi.nlm.nih.gov/nucleotide/KF147094.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR8YC9R9016)**Length: 1429Number of Matches: 1**

>Z-C03-16SF. **(1227)**

NNNNN

>Z-C04-16SF. **(1228)**

NNNNN

>Z-C05-16SF. **(1234)**

NNNNN

>Z-C06-16SF. **(1232)**

NNNNN

>Z-C07-16SF. **(1329)**

GAGCTTGCTCTTATGGGTGGCGAGTGGCGGACGGGTGAGGAATACATCGGAATCTACCTTTTCGTGGGGGATAACGTAGGGAAACTTACGCTAATACCGCATACGACCTTCGGGTGAAAGCAGGGGACCTTCGGGCCTTGCGCGGATAGATGAGCCGATGTCGGATTAGCTAGTTGGCGGGGTAAAGGCCCACCAAGGCGACGATCCGTAGCTGGTCTGAGAGGATGATCAGCCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGCAAGCCTGATCCAGCCATACCGCGTGGGTGAAGAAGGCCTTCGGGTTGTAAAGCCCTTTTGTTGGGAAAGAAAAGCAGTCGGCTAATACCCGGTTGTTCTGACGGTACCCAAAGAATAAGCACCGGCTAACTTCGTGCCAGCAGCCGCGGTAATACGAAGGGTGCAAGCGTTACTCGGAATTACTGGGCGTAAAGCGTGCGTAGGTGGTTGTTTAAGTCTGGTGTGAAAGCCCTGGGCTCAACCTGGGAATTGCAGGGGATACGGGGCCACTAGAGTGTGGTACAGGGTAGCGGAAATCTCTGTGGGGC **Stenotrophomonas rhizophila strain P5F64 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MN421356.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MN421356.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR97547101R)**Length: 960Number of Matches: 1**

>Z-C08-16SF. **(1306)**

AGCTTGCTCTTATGGGTGGCGAGTGGCGGACGGGTGAGGAATACATCGGAATCTACCTTTTCGTGGGGGATAACGTAGGGAAACTTACGCTAATACCGCATACGACCTTCGGGTGAAAGCAGGGGACCTTCGGGCCTTGCGCGGATAGATGAGCCGATGTCGGATTAGCTAGTTGGCGGGGTAAAGGCCCACCAAGGCGACGATCCGTAGCTGGTCTGAGAGGATGATCAGCCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGCAAGCCTGATCCAGCCATACCGCGTGGGTGAAGAAGGCCTTCGGGTTGTAAAGCCCTTTTGTTGGGAAAGAAAAGCAGTCGGCTAATACCCGGTTGTTCTGACGGTACCCAAAGAATAAGCACCGGCTAACTTCGTGCCAGCAGCCGCGGTAATACGAAGGGTGCAAGCGTTACTCGGAATTACTGGGCGTAAAGCGTGCGTAGGTGGTTGTTTAAGTCTGTTGTGAAAGCCCTGGGCTCAACCTGGGAATTGCAGTGGATACTGGGCGACTAGAGTGTGGTAGAGGGTAGTGGAATTCCCGGTGTAGCAGTGAAATGCGTAGAGATCGGGAGGAACATCCATGGCGAAGGCAGCTACCTGGACCAACACTGACACTGAGGCACGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCCTAAACGATGCGAACTGGATGTTGGGTGCAATTTGGCACGCAGTATCGAAGCTAACGCGTTAAGTTCGCCGCCTGGGGAGTACGGTCGCAAGACTGAGACTCAAAGGAATTGACGGGGGCGCGCACAACCGGTGGAGTATGTGGTTTAATTCCATGCANCGCGAAGAACCTTACCTGGTCCTGACATGTCTAGAACTTTCCGGAGATGGAATTGGTGCCGTCGGGAACTCCAACACAGGTGGCTGCATGGCTGGTCGTCAGCTCCTGTCGTGAAGATGTTGGGTNAAGTCCCGCAACCAAGAAGAAGCCGCTGGTCCCTTATTTGCCTAGCCCGCAG **Stenotrophomonas sp. strain H9 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MH885483.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MH885483.1?report=genbank&log$=nuclalign&blast_rank=2&RID=ZR9GBH9D01R)**Length: 1394Number of Matches: 1**

>Z-C09-16SF. **(1233)**

GGGGAAAAGAGGACTGGTCTCGTGTGAGAGAGTGGGAGAGGTGAGTATGTGTGGGGATCTGCCCCATATAGGGGGATATACCCTGTGAACGGTGGGTAATACCCCATAAAGTCTCAAGAGACAAGAGGGGGAGATTTTGGCCTCTCTCTATAGGATGAGACCCCATGGGGTTATATATTATGCGGGGTAATGGGCCACCTATGCGACAATATCTATATGGGGTGAGAGGATGACAACCCACACTGGAAATGAGACACGGTCCACACACTTACAGGAGGGGGCAGTGGGGAATATTGTGCAATGGGGGCAAGCCTGATGCGCCCATGTGGCGTGTGTAAAAAAAGCGTTTTGGTTGTAAAGTACTTTTTCCGGGGAGGAAAGGGACAGGGTTAATAAACCCGTCTATTGAGATTACCCCCACAAAAAACACCGGCGAAATCTCTGTCCCCACCCGCGGTAATACAGAGGGGGCGCGCGTTTTTCTCAATTACTGGGCGTAAAGCGCACACACGCGGTCTGTTATATCTCATATGAAATCTCCCCGGGTATACTGTGAACTGTGTTTTAAACTGGGGGGCTTGAGTCTTGTGTAGAGGGGTATAAATTTCCGTGTAGCGGTGAAATGCGTATAGATCTGGAGGAATATCCGTGGGGAAAGCGGCCCCCTGGACACAGACAGAGACTCTGGTGCGAAAGCGTGTGGAGCAAACACGA **Pantoea agglomerans strain LA131 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MN006238.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MN006238.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR9PCUSH01R)**Length: 950Number of Matches: 1**

>Z-C10-16SF. **(1237)**

CTGCTCTCTGATTCNGCGGCGGACGGGTGAGTAATGCCTAGGAATCTGCCTGGTAGTGGGGGACAACGTCTCGAAAGGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGAGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCAGTAAGCGAATACCTTGCTGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGAATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATCCAAAACTGGCAAGCTAGAGTAGGGCAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAAGAAGGAACACCAGTGGCGAAGGCGACCACCTGGGCTCATACTGACACTGAGGTGCGAAAGCGTGGGGAGCCCACAGGATTATATACCCTGGTAGTCCACNCCGTATACGATGTCAACTAACNGTTGGAAGCCTTGAGCTTTTAGTGGCGCAACTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGNNGGGNCTCCCACGAATTGACCGCGGGCCCCCACAAACAAGGGAGCACGTGGTTTAATTCCTAGGCAACGCCNCAAAACCTTACNGGNNNTTGTAATGCCATGAACTTTCCCCACAAGGGGTGGTAGCCTTCCGGAACCATNATAACCGCAACCGGCTCGGGGGNGGGTCCAGCCCTTGTCC **Pseudomonas graminis strain AN1 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MG561813.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MG561813.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR9T1UJB014)**Length: 1102Number of Matches: 1**

>Z-C11-16SF. **(1250)**

TNGCTCTCTGATTCAGCGCGCGCGACGGGTGAGTAATGCCTAGGAATCTGCCTGGTAGTGGGGGACAACGTCTCGAAAGGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGAGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCAGTAAGCGAATACCTTGCTGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGAATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATCCAAAACTGGCAAGCTAGAGTAGGGCAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGGCTCATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGAAGCCTTGAGCTTTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCACATGAATTGACGGGGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGAAGCAACGCGAAGAACCTTACCAGGCCTTGACATCCAATGAACTTTCCAGAGATGGATTGGTGCCTTCGGGAGCATTGAGACAGGTGCTGCATGGCTGTCGTCAGCTCGTGTCGTGAGATGTTGGGTTAAGTCCCCGTAACGAGCGCAACCCTTGTCCTTAGTTACCAGCACATTTATGGTGGGGCACTCTAAGGAGACTGCCCGGTGACCAAACCCGAAGGAAGGGTGGGGAATGAACGTCCAAGTTCATCCATGGGCCCCTTACCGGCCCTGGGGCTAACCCCAGGTGCCTACA **Pseudomonas sp. strain PP-WC-2G-221 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MN596038.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MN596038.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZR9ZFKH601R)**Length: 1450Number of Matches: 1**

>Z-C12-16SF. **(1223)**

CGGGGACAAGAAGAAACTGGTCTCGTTGTGAGGAGAGGGGCGAGAGGGGAGTAAAGTGTGGGGATCTGCCCCATATAGGGGGAGATCCCTTGGGAAAAGTGGCTAAAACCCCACAAAGTCTCACAAGACCAAAGGGGGAGATTTTGGGCTCTCACTATCTGATAAGACCCCATAGGATTATATATTATGCGGGGTAAAGGGCCACCTATGCGACAATATCTATCTGGGCTGAGAGGAGAAGACCACACACTGTGAATGAGACACGGTCCACACACCTACAGGAGGGACCACTGTGGAAAATTGTGCAATGGGGGCAAACCTGATGCGCCCCTGTGGCGTGTGTAAAAAAAGCGTTTTGGTTGTAAAATATTTTTTCCGGGGAGGAAAGCGATGTGGTTATAAAACGTGTCGATTGAGATTTCCCCCACAAAAAACACCGGCGAAATCTCTGCCACCACCCCCGGTAATACAGAGGGTGCGAGCGTTATTCTCAATTACAGGGGGTAAAGCGCACACGCGCGGTCTGTTATATCTCATATGAAATCCCCCGGCTTATACTGGGAACAGTGTTTTAAACTGTGACGCTTGAGTCTTGTGTAGAGGGGTGTAATTCTCCGTGTATCGGTGAAATGCGTATAGATCTGGAGGAAAATCCGTGGGGAAAGCGGCCCCCTGGACAAAAACAGACACTCTCGTGCGAA **Pantoea agglomerans strain LA131 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MN006238.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MN006238.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZRA6BEV301R)**Length: 950Number of Matches: 1**

>Z-D09-16SF.**(1238)**

TTGCTCTCTGATTCNNCGNGCGGACGGGTGAGTAATGCCTAGGAATCTGCCTGGTAGTGGGGGACAACGTCTCGAAAGGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGAGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCAGTAAGCGAATACCTTGCTGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGAATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATCCAAAACTGGCAAGCTAGAGTAGGGCAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGGCTCATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGAAGCCTTGAGCTTTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCACATGAATTGACGGCGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGAAGCAACCCGAAGAACCTTACCAGGCCTTGACATGCCATGAACTTTCCAGAGATGAATTGGTGCNTTCCGGAACATTGNNACAGGTGCTGCATGGCTGGCGTCAGCTCTTGTCCTGACATGTTGGGTTAAGTCTCATACCAGGCGCAGCCCTGGCCT **Pseudomonas graminis strain I-S-S3-18 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MK398039.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MK398039.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZRGA4U8U01R)**Length: 1406Number of Matches: 1**

>Z-D10-16SF.**(1243)**

TNGCTCTCTGATTCNGCGGCGGACGGGTGAGTAATGCCTAGGAATCTGCCTGGTAGTGGGGGACAACGTCTCCAAAGGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGAGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCAGTAAGCGAATACCTTGCTGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGAATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATCCAAAACTGGCAAGCTAGAGTAGGGCAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAACGAACACCAATGGCGAAAGGGAGCACCTGGGCTCATANTGACACTGATGTGCGAAAGCGCGGGGAAGCCCACCCGATTATATACCCCGGGAGTCCACCCCGTATACGATGTCAACTAACGGTTGTACGCCTTCNTCTTCTATTGGCGCCACCAACCCCCTAAGCTGACCN **Pseudomonas graminis strain LS 2-2 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**KP407118.1**](https://www.ncbi.nlm.nih.gov/nucleotide/KP407118.1?report=genbank&log$=nuclalign&blast_rank=3&RID=ZRGSUB67014)**Length: 951Number of Matches: 1**

>Z-D11-16SF.**(1258)**

GCTCTCTGATTCAGCGCGCGCGACGGGTGAGTAATGCCTAGGAATCTGCCTGGTAGTGGGGGACAACGTCTCGAAAGGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGAGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCAGTAAGCGAATACCTTGCTGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGAATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATCCAAAACTGGCAAGCTAGAGTAGGGCAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGGCTCATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGAAGCCTTGAGCTTTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCACATGAATTGACGGGGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGAAGCAACGCGAAGAACCTTACCAGGCCTTGACATCCAATGAACTTTCCAGAGATGGATCGGTGCCTTCCGGAACATTGAGACAGGTGCTGCATGGCTGTCGTCAGCTCGTGTCGTGAGATGTTGGGTTAAGTCCCGTAACGAGCGCAACCCTTGTCCTTAGTTACCACCACATTATGGTGGGCACTCTAAAGAGACTGCCCGGTGACCAACCGCAAGCAAGGTGGGGATGACGTCCAGTCATCAGGGTCCCTTACGGGCCTGGGGCTGCCNGGTTGCTACAGTGGG **Pseudomonas graminis strain I-S-L3-8 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MK398023.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MK398023.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZRGH6W5Y016)**Length: 1406Number of Matches: 1**

>z-D12-16SF. **(1282)**

TTNGCTCTCTGATTCNGCGCGCGCGACGGGTGAGTAATGCCTAGGAATCTCGCCTGGTAGTGGGGGACAACGTCTCGAAAGGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGAGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCAGTAAGCGAATACCTTGCTGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGAATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATCCAAAACTGGCAAGCTAGAGTAGGGCAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGGCTCATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGAAGCCTTGAGCTTTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCACATGAATTGACGGGGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGAAGCAACGCGAAGAACCTTACCAGGCCTTGACATCCAATGAACTTTCCAGAGATGGATTGGTGCCTTCCGGAACATTGAGACAGGTGCTGCATGGCTGTCGTCAGCTCGTGTCGTGAGATGTTGGGTTAAGTCCCGTAACGAGCGCAACCCTTGTCCTTAGTTACCAGCACATAAAGGGTGGGCACTCTAAGGAGACTGCCGGTGACAAACCGGAAGAAGGGTGGGGATGAACGTCCAGTCATC **Pseudomonas graminis strain YF04-3(1) 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**KT369928.1**](https://www.ncbi.nlm.nih.gov/nucleotide/KT369928.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZRGYBPXH016)**Length: 1379Number of Matches: 1**

>Z-E01-16SF. **(1326)**

TGCTTCTCTTGAGAGCGCGCGCGACGGGTGAGTAATGCCTAGGAATCTCGCCTGGTAGTGGGGGATAACGTTCGGAAACGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGGGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCAGTTGCCTAATACGTAACTGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGGATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATTCAAAACTGACTGACTAGAGTATGGTAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGACTGATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAGACGATGTCAACTAGCCGTTGGGAGCCTTGAGCTCTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAANACTCACATGAATTGACGGGGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGAAGCAACGCGAAGAACCTTACCAGGCCTTGACATCCAATGAGCTTTCTAGAGATAGATTGGTGCCTTCGGGAACATTGAGACAGGTGCTGCATGGCTGTCGTCAGCTCGTGTCGTGAGATGTTGGGTTAAGTCCCGTAACGAGCGCAACCCTTGTCCTTAGTTACCACCACNTAATGGTGGGCACTCTAACGAAACTGCCGGTGACAACCCGANNGAAGGTGGGGATGACGTCAAGTCATCATGGCCCTAACGGCCTGGGCTANNCACNTGCTANAATGGTCGGTACANAAGGTNTGC **Pseudomonas fluorescens strain SIK\_W1 chromosome, complete genome**

**Sequence ID:**[**CP031450.1**](https://www.ncbi.nlm.nih.gov/nucleotide/CP031450.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZRM9ZCDF016)**Length: 6791087Number of Matches: 5**

>Z-E02-16SF. **(1327)**

CNTGNANTGGTGGCGAGCGGCGGACGGGTGAGTAATGCCTAGGAATCTGCCTGGTAGTGGGGGATAACGCTCGGAAACGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGAGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGGGCAGTTACCTAATACGTGATTGTTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGAATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATCCAAAACTGGCAAGCTAGAGTATGGTAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGACTGATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGGAGCCTTGAGCTCTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCACATGAATTGACGGGGGCCCGCACAAGCGGTGGAGCATGTGGTTTAATTCGAAGCAACGCGAAGAACCTTACCAGGCCTTGACATCCAATGAACTTTCCAGAGATGGATGGGTGCCTTCGGGAACATTGAGACAGGTGCTGCATGGCTGTCGTCAGCTCGTGTCGTGAGATGTTGGGGTTAAGTCCCGTAACCAGCGCAAACCCTTGTCCTTAGTTACCAGCACCGTTATGGTGGGCACTCTAAGGAAGACTGCCCGGTGACCAACCCGCAGGAAGGTGGGGATGACCTCCAGTCATCATGGGCCCTTACGGCCTGGGCTACACACGTGCTACAATGGTTCGGTACCGAAGGGTTTGCCAAGCCCCCGAAGTTGGAA **Pseudomonas syringae pv. syringae strain SHPS007 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**KP753380.1**](https://www.ncbi.nlm.nih.gov/nucleotide/KP753380.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZRMF1HM6016)**Length: 1414Number of Matches: 1**

>Z-E06-16SF. **(1303)**

AAGGATAGAGCAACTTGCTCTTGTGGTGACGAGTGGCGGACGGGTGAGTAATGTCTGGGGATCTGCCCCATAGAGGGGGATAACCCCTGGAAACGGTGGCTAATACCCCATAACGTCGCAAGACCAAAGAGGGGGACCTTCGGGCCTCTCACTATCGGATGAACCCCGATGGGATTAGCTAGTAGGCGGGGTAATGGCCCACCTAGGCGACAATCCCTATCTGGTCTGAGAGGATGACCAGCCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGCACAATGGGCGCAAGCCTGATGCACCCATGCCGCGTGTATGAAAAAAGCGTTCGGGTTGTAAAGTACTTTCACCGGGGAGGAAGGCGGTGCGGTTAATAACCGCGTCGATTGAGGTTACCCGCAGAAAAAACACCGGCTAACTCCGTGCCACCACCCGCGGTAATACGGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCACGCAGGCGGTCTGTTAAGTCACATGTGAAATCCCCGGGCTTAACCTGGGAACTGCATTTGAAACTGGGAGGCTTGAGTCTTGTAGAGGGGGGTAGAATTCCCGGTGTAGCGGTGAAATGCGTATAGATCTGGAGGAATACCGGTGGCGAAAGCGGCCCCCTGGACAAAGACTGACACTCAGGTGCGAAAGCGTGGGGAGCAAACAGGATTATATACCCTGGTAGTCCACGCCCTATACGATGTCTACTTGTAGGTTGTTCCCTTGAGGAGTGGGTTTCCGAGCTAACGCGTTATGTCTACCGCCTGGGGAGTACAGCCGCAAGGTGATAAACTCACATGAATTGACAGGGGGCCCGGCACAAGCGGTGGAGCACTGTGGTTTTATATTCTATGCACGCGAAGAAACTCTATCTACTACTTCGACATCCTCCACAACTTCTTTCAGAGATGACTTCTATTGTCCTTTCTGGAACTCTGAGACAGGGCTGCATGGGCTGT **Pantoea sp. strain CA15-3 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**MH768980.1**](https://www.ncbi.nlm.nih.gov/nucleotide/MH768980.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZRNCXEXW014)**Length: 1447Number of Matches: 1**

>Z-F01-16SF. **(1324)**

CTNGNTTCTCTTGAGAGCGCGCGGACGGGTGAGTAATGCCTAGGAATCTCGCCTGGTAGTGGGGGATAACGTTCGGAAACGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGGGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGAGTTGTAGATTAATACTCTGCAATTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGGATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATTCAAAACTGACTGACTAGAGTATGGTAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGACTAATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGAAGCCTTGAGCTTTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCCCATGAATTGACGGGGGGCCGCCACAACCGGTGGAGCATGTGGTTTAATTCGAAGCAACGCGAAGAACCTTACCAGGCCTTGACATCCCATGAAACTTTCCAGAANATGGATTGGTGCCTTCCGCGAACATTTATGACAGGGTGCTGCATGGCTGTCGTCACCTCGTGTCCTTGAGATGTTAGAGTTAAGGTCCCCTTACCCAGACGCAAACCCTTGTCCTTTGGTTACCCAACCACCTCACTGGGGGGGGGACTCCTACACGAACAAC **Pseudomonas sp. AQ5-04 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**KT693288.1**](https://www.ncbi.nlm.nih.gov/nucleotide/KT693288.1?report=genbank&log$=nuclalign&blast_rank=2&RID=ZU681DCE014)**Length: 1377Number of Matches: 1**

>Z-F02-16SF. **(1325)**

CTGCTTCTCTTGAGAGCGGCGGACGGGTGAGTAATGCCTAGGAATCTCGCCTGGTAGTGGGGGATAACGTTCGGAAACGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGGGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGAGTTGTAGATTAATACTCTGCAATTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGGATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATTCAAAACTGACTGACTAGAGTATGGTAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGACTAATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCAACTAGCCGTTGGAAGCCTTGAGCTTTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCTGGGGAGTACGGCCGCAAGGTTAAAACTCACATGAATTGACCGGGGGCCCGCACAACGCGGTGGGGCATGTGGGTTTAATTTCGAAGCAACGCGAAGAAACCTTACCCAGGCCTTGACATCCCAATGCAACTTTTCCTGAGAATGGGATTGGGTGTCCTTCNNGAAAACATTGAATATCAGGTGCTGGCATGGGCTGTGCGTTCCGCCTTCCTGCTNGTGGAGAATGGTTGGAGTTTAAANTCCCCATAATCCAGGCGCCAAACCCTTTGTTCCTTAATTTTACCCAACCAACCCTCNNNGGGTGAGGGCAGCTCCTACCGGACAACTGGCCCGAGTTGACCA **Pseudomonas fluorescens strain NITDPY Ps 2 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**KR267326.1**](https://www.ncbi.nlm.nih.gov/nucleotide/KR267326.1?report=genbank&log$=nuclalign&blast_rank=1&RID=ZU6EUD1G01R)**Length: 1117Number of Matches: 1**

>Z-H06-16SF. **(1322)**

CNNGNTTCTCTTGAGAGCGGCGGACGGGTGAGTAATGCCTAGGAATCTGCCTGGTAGTGGGGGATAACGTTCGGAAACGGACGCTAATACCGCATACGTCCTACGGGAGAAAGCAGGGGACCTTCGGGCCTTGCGCTATCAGATGAGCCTAGGTCGGATTAGCTAGTTGGTGGGGTAATGGCTCACCAAGGCGACGATCCGTAACTGGTCTGAGAGGATGATCAGTCACACTGGAACTGAGACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTAAGTTGGGAGGAAGAGTTGTAGATTAATACTCTGCAATTTTGACGTTACCGACAGAATAAGCACCGGCTAACTCTGTGCCAGCAGCCGCGGTAATACAGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAAGCGCGCGTAGGTGGTTTGTTAAGTTGGATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATTCAAAACTGACTGACTAGAGTATGGTAGAGGGTGGTGGAATTTCCTGTGTAGCGGTGAAATGCGTAGATATAGGAAGGAACACCAGTGGCGAAGGCGACCACCTGGACTAATACTGACACTGAGGTGCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGTCCACTAGCCGTTGGAAGCCTTGAGCTTTTAGTGGCGCAGCTAACGCATTAAGTTGACCGCCNGGGGAGTACGGCCGCAAGGTTAAAACTCCCATGAATTGACGGGGGCCCGCACAAACGGTGGAGCATGTGGTTTAATTCGAAGCAACGCCAAGAACCTTACCAGGCCTTGACATCCAATGAACTTTCCTCACATGGATTGGTGCCTTCCGCAACATTGATACAGGTGCTGCATGGGTGTGCGTCNACTCCTGTCCTGAGATGTTGGGTTAAGTCCCNTACCAGNNCAGCCCTTGCCTTTGTTACCACCACCCNCGGGGGGGGCCTCCCCCACGGCCGCGGCCACCCCCCAGGGGG **Pseudomonas sp. AQ5-04 16S ribosomal RNA gene, partial sequence**

**Sequence ID:**[**KT693288.1**](https://www.ncbi.nlm.nih.gov/nucleotide/KT693288.1?report=genbank&log$=nuclalign&blast_rank=1&RID=01SZKNGW016)**Length: 1377Number of Matches: 1**