

TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTCAA AGGAATTGAC GGGGTTCAGT GCCGAAG, DNA Metadata: 'description': '' 'id': 'OTU_2' Stats: length: 401 has gaps: False has degenerates: False has definites: True GC-content: 53.37% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA 360 CGGCCGCAAG GCTAAAACTC AAATGAATTG ACGGGGACTT A, DNA Metadata: 'description': '' 'id': 'OTU_3' length: 395 has gaps: False has degenerates: False has definites: True GC-content: 52.15% O TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTT 60 TAAGTCAGGG GTGAAATCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAAGTCTT 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT 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'description': 'id': 'OTU_29' length: 396 has gaps: False has degenerates: False has definites: True GC-content: 54.80% TACGTAGGGT GCGAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGTGCGCA GGCGGTTGTG 60 TAAGACAGGC GTGAAATCCC CGGGCTCAAC CTGGGAACTG CGCTTGTGAC TGCACAGCTA 300 TGGGTGGGTA AAACCATTTA GTACCGTAGC TAACGCGTGA AGTTGACCGC CTGGGGAGTA 360 CGGCCGCAAG GTTAAAACTC AAATGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_30' Stats: length: 424 has gaps: False has degenerates: False has definites: True GC-content: 48.11% TACGGAGGAT GCAAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGTA GGCGGCTTTT 60 TAAGTCAGTG GTGAAATCCT GTCGCTCAAC GATAGAATTG CCATTGATAC TGAAAAGCTT 360 CGCAAGGTGG ATCACTTAAT GCTTTCGCTT GGCCGCATAC TGTGTATCGC ATACAGCGAG 420 AGCA, DNA Metadata: 'description': '' 'id': 'OTU_31' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 54.04% TACGTAGGGT GCGAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGTGCGCA GGCGGTAATG 60 TAAGACAGAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CGTTTGTGAC 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360 GGCAACGGTG AAACTCAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_52' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.06% ______ TACGAAGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_53' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.31% TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGTACGTA GGCGGACCGT 60 TAAGTCGGAG GTGAAATCCT GGGGCTCAAC CCCAGAACTG CCTTCGATAC TGGCGGTCTC 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_54' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.57% ______ 0 TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_55' Stats: length: 400 has gaps: False has degenerates: False has definites: True GC-content: 54.25% ______ O CCCAGGAGCC ACAAGTGGCA ACCACCTTTA TTGGGCCTAA AGCGTCCGTA GCCTGTTCTG 60 TAAATTTTCT GTGAAATCGT TGCGCTTAAC GTAACGGCGT GCAGGAAACA CTGCAGGACT 300 TTGCGCAATC TTAGGGATTG CGTGGTGTCG TAGTGAAGAT GATAAGCCCG CCGCCTGGGG 360 AGTACGGTCG CAAGGCTGAA ACTCAAATGA ATTGACGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_56' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 51.53%

TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGGACGTCTT

300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGCC ATCCACCTGG GGAGTACGCC

360 GGCAACGGTG AAACTTAAAT GAATTGACGG GG,

DNA

Metadata:

Stats:

'description': ''
'id': 'OTU_57'

length: 394

Out[27]: [DNA

Metadata:

Stats:

'description': ''
'id': 'OTU_1'

has degenerates: False has definites: True GC-content: 54.55%

length: 407 has gaps: False

has degenerates: False has definites: True GC-content: 51.78% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTTAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_59' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 57.87% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTTAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_60' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.05% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_61' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 51.78% O TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_62' length: 392 has gaps: False has degenerates: False has definites: True GC-content: 56.89% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 ATGCGATACA CAGTATGCGG CCAAGCGAAA GCATTAAGTG ATCCACCTGG GGAGTACGAT 360 CGCAAGGTTG AAACTTAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_63' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.03% O TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGTA GGCGGGTCTT 60 TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAGGTCTT 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_64' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 55.08% ______ TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGTACGTA GGCGGACCGT 60 TAAGTCGGAG GTGAAATCCT GGGGCTCAAC CCCAGAACTG CCTTCGATAC TGGCGGTCTC 300 TAGGCAGCTT GCTGCTTAGT GGCGCAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_65' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 57.11% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTTAA ATGAATTGAC GGGG, ______ Metadata: 'description': '' 'id': 'OTU_66' Stats: length: 395 has gaps: False has degenerates: False has definites: True GC-content: 51.65% ______ 0 TACGGAGGGA GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGCTATT CAAGTCAGAG GTGAAAGCCC GGGGCTCAAC CACGGAACTG CCTTTGAAAC TAGATAGCTT 300 CAGGGCACAT GGTGTTTTGG TGGCGCAGCT AACGCATTAA GTTATCCGCC TGGGGAGTAC 360 GGTCGCAAGA TTAAAACTCA AATGAATTGA CGGGG, Metadata: 'description': '' 'id': 'OTU_67' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.81% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTGTCTT 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTTAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_68' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 53.83% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 TTGCGATATA CAGTAAGCGG CCAAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTTAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_69' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 54.29% TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA 360 CGGCCGCAAG GCTAAAACTC AAATGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_70' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.31% TACGGAGGGT GCAAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGTCTGT 60 CAAGTCGGAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATCCGAAAC TGGCAGGCTA 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT 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TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTGTCTT 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTCAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_74' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 45.66% TACGGAGGAT GCAAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGTA GGCGGCTTTT 60 TAAGTCAGTG GTGAAATCCT GTCGCTCAAC GATAGAATTG CCATTGATAC TGAAAAGCTT 300 ATGCGATATA CTGTATGCGG TACAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACGTT 360 CGCAAGAATG AAACTCAAAT GAATTGACGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_75' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.03% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGAAAGTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_76' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.30% TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_77' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.30% O TACAGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_78' length: 392 has gaps: False has degenerates: False has definites: True GC-content: 54.85% TACAGGGGGT GCAAGCGTTG 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GAATTGACGG GG, Metadata: 'description': '' 'id': 'OTU_81' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.06% -----TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTCAA AGGAATTGAC GGGG, ______ Metadata: 'description': '' 'id': 'OTU_82' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 46.95% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGGACGTCTT 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTTAA ATGAATTGAC GGGG, ______ Metadata: 'description': '' 'id': 'OTU_83' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 45.66% TACGGAGGAT GCAAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGTA GGCGGCTTTT 60 TAAGTCAGTG GTGAAATCCT GTCGCTCAAC GATAGAATTG CCATTGATAC TGAAAAGCTT 300 ATGCGATATA CTGTATGCGG TACAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACGTT 360 CGCAAGAATG AAACTTAAAG GAATTGACGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_84' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 51.27% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAAGTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_85' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.05% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_86' Stats: length: 429 has gaps: False has degenerates: False has definites: True GC-content: 52.91% TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 360 GTTTAGGGCG TGGACTACCA GGGTATCTAA TCCTGTTTGC TCCCCACGCT TTCGCACCTC 420 AGCGTCAGT, DNA Metadata: 'description': '' 'id': 'OTU_87' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.28% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTC 60 TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGGAAGTCTT 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_88' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 55.10% 0 TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 ATGCGATATA CTGTATGCGG TACAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACGTT 360 CGCAAGAATG AAACTTAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_89' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.03% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGATATT 60 TAAGTCAGGG GTGAAATCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAAGTCTT 300 TAGGCAGCTT GCTGCTTAGT GGCGCAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_90' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 54.34% TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGCC ATCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTTAAAG GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_91' Stats: length: 394 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TTGCGATATA CAGTAAGCGG CCAAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTCAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_94' length: 394 has gaps: False has degenerates: False has definites: True GC-content: 48.98% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT 60 TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGGACGTCTT 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_95' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 52.81% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 ATGCGATACA CAGTATGCGG CCAAGCGAAA GCATTAAGTG ATCCACCTGG GGAGTACGAT 360 CGCAAGGTTG AAACTTAAAT GAATTGACGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_96' Stats: length: 394 has gaps: False has degenerates: False has 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CGGCCGCAAG GCTAAAACTT AAAGGAATTG ACGGGG, ______ Metadata: 'description': 'id': 'OTU_99' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 50.26% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 TTGCGATATA CAGTAAGCGG CCAAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTCAAAT GAATTGACGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_100' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 52.78% TACGTAGGTG ACAAGCGTTG TCCGGAATTA TTGGGCGTAA AGGGAGCGCA GGCGGTTGGA 60 ATAGTCTGAT GTGAAAGCCC ACGGCTTAAC CGTGGAATTG CATTGGAAAC TGTCCAACTT 300 CGGGGGGCTT CCGCCCCTCG GTGCTGGAGT TAACGTATTA AGCACTCCGC CTGGGGAGTA 360 CGACCGCAAG GTTGAAACTC AAATGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_101' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.05% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_102' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.30% TACGAAGGGG GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_103' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 50.25% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT 60 TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGGACGTCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTTAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_104' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.05% TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGATCTT 60 TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGAGATCTT 300 TAGGCAGCTT GCTGCTTAGT GGCGCAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_105' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 54.80% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA 360 CGGCCGCAAG GCTAAAACTC AAATGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_106' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.06% CACGTAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGGGCATGTA GGCGGCCTTG 60 TAAGCTTGGC GTGAAAGTCC ACGGCTTAAC CGTGGGATTG CGTTGAGAAC TGCGAGGCTT 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_107' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.30% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTC 60 TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGGAAGTCTT 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCACCT GGGGAGTACG 360 CCGGCAACGG TGAAACTCAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_108' Stats: length: 391 has gaps: False has degenerates: False has definites: True GC-content: 51.15% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 GGGCCTTACG GGGTTCAGTG CCGAAGAAAA CTCGATAAGC ATACCACCTG GGGAGTACGA 360 TCGCAAGGTT GAAACTTAAA TGAATTGACG G, DNA Metadata: 'description': '' 'id': 'OTU_109' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 48.22% O TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGTGCGTA GGCGGACCCT 60 TAAGTCAGTG GTGAAAGTTT GCGGCTCAAC CGTAAAATTG CCATTGAAAC TGAGGGTCTT 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_110' Stats: length: 461 has gaps: False has degenerates: False has definites: True GC-content: 54.88% TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGATCTT 60 TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGAGATCTT 360 CGGCCGCAAG GCAGCTTGCT GCTTAGTGGC GCAGCTAACG CTTTAAGCAT CCCGCCTGGG 420 GAGTACGGTC GCAAGATTAA AACTCAAATG AATTGGCGGG G, DNA Metadata: 'description': '' 'id': 'OTU_111' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 47.46% 0 TACGGAGGAT GCAAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGTA GGCGGCTTTT 60 TAAGTCAGTG GTGAAATCCT GTCGCTCAAC GATAGAATTG CCATTGATAC TGAAAAGCTT 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTTAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_112' Stats:

length: 466 has gaps: False

DNA

Stats:

has degenerates: False has definites: True GC-content: 47.00%

'description': ''
'id': 'OTU_113'

has degenerates: False has definites: True GC-content: 53.55%

length: 394 has gaps: False

O GCCGACTGAA TGCCAGCAAT CTCTTTTTGA GTCTCATTTT GCATCTCGGC AATCTCTTTC
60 TGATTGTCCA GTTGCATTTT AGTAAGCTCT TTTTGATTCT CAAATCCGGC GTCAACCATA

360 GGAACATTAG AGCCTTGAAT GGCAGATTTA ATACCAGCAT CACCCATGCC TACAGTATTG

O TACGAAGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTT 60 TAAGTCAGGG GTGAAATCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAAGTCTT

420 TTATCGGTAG CAAGCACATC ACCTTGAATG CCACCGGAGG CGGCTT,

has gaps: False

'description': ''
'id': 'OTU_58'

length: 394 has gaps: False

Metadata:

Stats:

has degenerates: False has definites: True GC-content: 52.54%

360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG,

O TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG
60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT

300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG

Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 53.03% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCGGATTC GACCCCCCA GTGTCGAAGC TAACGCGATA AGCACTCCGC CTGGGGAGTA 360 CGGCCGCAAG GTTAAAACTT AAATGAATTG ACGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_116' Stats: length: 452 has gaps: False has degenerates: False has definites: True GC-content: 53.54% TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 360 ATCGCACCCT ACGTATTACC GCGGCTGCTG ACACGGTAAT ACGTAGGGTG CGATCGTACT 420 CCCCAGGTGG AAACTTAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_117' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.30% TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGATCTT 60 TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGAGATCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_118' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 54.59% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGCC ATCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTTAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_119' Stats: length: 395 has gaps: False has degenerates: False has definites: True GC-content: 56.46% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGTCTGT 60 CAAGTCGGAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATCCGAAAC TGGCAGGCTA 300 TTGTGCCCTT GAGGCGTGGC TTCCGGAGCT AACGCGTTAA GTCGACCGCC TGGGGAGTAC 360 GGCCGCAAGG TTAAAACTCA AATGAATTGA CGGGG, DNA Metadata: 'description': '' 'id': 'OTU_120' Stats: length: 397 has gaps: False has degenerates: False has definites: True GC-content: 56.17% TACGTAGGGT GCGAGCGTTG TCCGGAATTA TTGGGCGTAA AGAGCTTGTA GGCGGTCTGT 60 CACGTCGGAA GTGAAAACTC AGGGCTCAAC CCTGAGCCTG CTTTCGATAC GGGCAGACTT 300 GGGACCTATT CCATGGGTTC CGTGCCGCAG CTAACGCATT AAGTGCCCCG CCTGGGGAGT 360 ACGGCCGCAA GGCTAAAACT CAAATGAATT GACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_121' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 52.04% TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 ATGCGATACA CAGTATGCGG CCAAGCGAAA GCATTAAGTG ATCCACCTGG GGAGTACGAT 360 CGCAAGGTTG AAACTTAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_122' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 53.79% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA 360 CGGCCGCAAG GCTAAAACTC AAAGGAATTG ACGGGG, Metadata: 'description': '' 'id': 'OTU_123' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.03% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTCTT 60 TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAGGTCTT 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTTAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_124' Stats: length: 422 has gaps: False has degenerates: False has definites: True GC-content: 42.42% O TTGCTATTGA CTCTACTGTA GACATTTTTA CTTTTTATGT CCCTCATCGT CACGTTTATG 60 GTGAACAGTG GATTAAGTTC ATGAAGGATG GTGTTAATGC CACTCCTCTC CCGACTGTTA 360 AGCTTTCTCG CCAAATGACG ACTTCTACCA CATCTATTGA CATTATGGGT CTGCAAGCTG 420 CT, DNA Metadata: 'description': '' 'id': 'OTU_125' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.06% TACGGAGGGT GCAAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGTCTGT 60 CAAGTCGGAT GTGAAATCCC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_126' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 47.45% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGTGCGTA GGCGGACCCT 60 TAAGTCAGTG GTGAAAGTTT GCGGCTCAAC CGTAAAATTG CCATTGATAC TGAAAAGCTT 300 ATGCGATACA CAGTATGCGG CCAAGCGAAA GCATTAAGTG ATCCACCTGG GGAGTACGAT 360 CGCAAGGTTG AAACTTAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_127' Stats: length: 393 has gaps: False has degenerates: False has definites: True GC-content: 54.45% 0 TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 GGGCAGCATG CTGTTCGGTG GCGCAGCTAA CGCTTTGAGC TTCCCGCCTG GGGAGTACGG 360 TCGCAAGATT AAAACTCAAA TGAATTGACG GGG, Metadata: 'description': '' 'id': 'OTU_128' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.55% ______ TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_129' Stats: length: 395 has gaps: False has degenerates: False has definites: True GC-content: 51.90% ______ TACGTAGGTC CCGAGCGTTG TCCGGATTTA TTGGGCGTAA AGCGAGCGCA GGCGGTTAGA 0 60 TAAGTCTGAA GTTAAAGGCT GTGGCTTAAC CATAGTACGC TTTGGAAACT GTTTAACTTG 300 AGACCCTTTC CGGGGTTTAG TGCCGCAGCT AACGCATTAA GCACTCCGCC TGGGGAGTAC 360 GACCGCAAGG TTGAAACTCA AAGGAATTGA CGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_130' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.05% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 0 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_131' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.54% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTT TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGGGTGTCTT 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_132' Stats: length: 483 has gaps: False has degenerates: False has definites: True GC-content: 54.45% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 420 CGCAGTAAGT GTTCCGCCTG GGGAGTACGC TCGCAAGGGT GAAACTTAAA TGAATTGACG 480 GGG, DNA Metadata: 'description': '' 'id': 'OTU_133' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 58.08% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA 360 CGGCCGCAAG GCTAAAACTC AAATGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_134' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.82% TACGTAGGGT GCGAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGTGCGCA GGCGGTTTTG 60 TAAGACAGAG GTGAAATCCC CGGGCTCAAC CTGGGAACTG CCTTTGTGAC TGCAAAGCTG 300 TGGGTCTTAA CTGACTCAGT AACGAAGCTA ACGCGTGAAG TTGACCGCCT GGGGAGTACG 360 GCCGCAAGGT TGAAACTCAA ATGAATTGGC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_135' Stats: length: 452 has gaps: False has degenerates: False has definites: True GC-content: 53.76% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA 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'description': '' 'id': 'OTU_138' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 46.43% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT 60 TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGAAAAGCTT 300 ATGCGATACA CAGTATGCGG CCAAGCGAAA GCATTAAGTG ATCCACCTGG GGAGTACGAT 360 CGCAAGGTTG AAACTCAAAT GAATTGACGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_139' Stats: length: 399 has gaps: False has degenerates: False has definites: True GC-content: 52.88% TACGGAGGGT GCAAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGTCTGT 60 CAAGTCGGAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATCCGAAAC TGGCAGGCTA 300 GGTGTTGGGC CTTACGGGGT TCAGTGCCGA AGAAAACTCG ATAAGCATAC CACCTGGGGA 360 GTACGATCGC AAGGTTGAAA CTTAAATGAA TTGACGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_140' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.79% TACGAAGGGG GCTAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_141' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.03% O TACGAAGGGG GCTAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_142' length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.79% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGATCTT 60 TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGAGATCTT 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_143' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 55.05% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA 360 CGGCCGCAAG GCTAAAACTT AAAGGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_144' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 53.57% ______ O CACGTAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGGGCATGTA GGCGGCCTTG 60 TAAGCTTGGC GTGAAAGTCC ACGGCTTAAC CGTGGGATTG CGTTGAGAAC TGCGAGGCTT 300 TGGGGCGGAT GCTTCAGTGC CGTAGCTAAC GCTTTAAGCA TTCCGCCTGG GGAGTACGGT 360 CGCAAGATTA AAACTCAAAG GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_145' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 50.51% TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 ATGCGATATA CTGTATGCGG TACAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACGTT 360 CGCAAGAATG AAACTTAAAG GAATTGACGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_146' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.82% TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGTACGTA GGCGGACCGT TAAGTCGGAG GTGAAATCCT GGGGCTCAAC CCCAGAACTG CCTTCGATAC TGGCGGTCTC 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTTAA ATGAATTGAC GGGG, Metadata: 'description': '' 'id': 'OTU_147' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 56.06% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCGAG TGTGTGGGGC GTGAAAGCCT GGAGCTTAAC TCCAGAATTG CGCCTCAAAC TACACGGCTA 300 TGGCGGATTC GACCCCTCCA GGGCCCCAGC TAACGCGTTA AGTGTGCCGC CTGAGGACTA 360 CGGCCGCAAG GCTAAAACTC AAATGAATTG ACGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_148' 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GCTGTTCGGT GGCGCAGCTA ACGCTTTGAG CTTCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_151' Stats: length: 391 has gaps: False has degenerates: False has definites: True GC-content: 51.66% TACGGAAGGT CCAGGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCCGGAGAT 60 TAAGTGTGTT GTGAAATGTA GACGCTCAAC GTCTGACTTG CAGCGCATAC TGGTTTCCTT 300 TGGTACCTGG TATCAGCGGC TAAGCGAAAG CATTAAGCAT CCCACCTGGG GAGTACGCCG 360 GCAACGGTGA AACTTAAATG AATTGACGGG G, DNA Metadata: 'description': '' 'id': 'OTU_152' Stats: length: 408 has gaps: False has degenerates: False has definites: True GC-content: 43.63% O GCTCTTACTT TGCGACCTTT CGCCATCAAC TAACGATTCT GTCAAAAACT GACGCGTTGG 60 ATGAGGAGAA GTGGCTTAAT ATGCTTGGCA CGTTCGTCAA GGACTGGTTT AGATATGAGT 300 GGATTTAACC GAAGATGATT TCGATTTTCT GACGAGTAAC AAAGTTTGGA TTGCTACTGA 360 CCGCTCTCGT GCTCGTCGCT GCGTTGAGGC TTGCGTTTAT GGTACGCT, DNA Metadata: 'description': '' 'id': 'OTU_153' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 54.85% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 ATGCGATACA CAGTATGCGG CCAAGCGAAA GCATTAAGTG ATCCACCTGG GGAGTACGAT 360 CGCAAGGTTG AAACTCAAAG GAATTGACGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_154' Stats: length: 464 has gaps: False has degenerates: False has definites: True GC-content: 43.75% TTCTCATTTT CCGCCAGCAG TCCACTTCGA TTTAATTCGT AAACAAGCAG TAGTAATTCC 60 TGCTTTATCA AGATAATTTT TCGACTCATC AGAAATATCC GAAAGTGTTA ACTTCTGCGT 360 GAGCATTTTC ATCCCGAAGT TGCGGCTCAT TCTGATTCTG AACAGCTTCT TGGGAAGTAG 420 CGACAGCTTG GTTTTTAGTG AGTTGGTCCA TTCTTTAGCT CCTA, DNA ______ Metadata: 'description': '' 'id': 'OTU_155' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 55.84% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CATCCGAAAC TGGCAGGCTA 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTTAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_156 Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.54% TACGTAGGGT GCGAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGTGCGCA GGTGGTTGTG 60 TAAGTCAGAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATTTGAGAC TGCACGGCTA 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_157' length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.06% O TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGTACGTA GGCGGACCGT 60 TAAGTCGGAG GTGAAATCCT GGGGCTCAAC CCCAGAACTG CCTTCGATAC TGGCGGTCTC 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_158' length: 394 has gaps: False has degenerates: False has 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GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTCAA ATGAATTGAC GGGG, Metadata: 'description': '' 'id': 'OTU_161' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.28% -----TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CTTTTGATAC TGGGTTGCTA 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, ______ Metadata: 'description': '' 'id': 'OTU_162' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.79% -----TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTCTT TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAGGTCTT 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, ______ Metadata: 'description': '' 'id': 'OTU_163' Stats: length: 394 has gaps: False has degenerates: False has 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has definites: True GC-content: 56.35%

'description': '' 'id': 'OTU_169'

'description': '' 'id': 'OTU_170'

has degenerates: False has definites: True GC-content: 52.55%

length: 392 has gaps: False

DNA

Metadata:

Stats:

DNA

Metadata:

Stats:

360 ATCGCAAGGT TGAAACTTAA AGGAATTGAC GGGG,

360 CGCAAGAATG AAACTTAAAT GAATTGACGG GG,

0 TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA

300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG

O TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA

300 ATGCGATATA CTGTATGCGG TACAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACGTT

300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG

TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT

300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG

TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGAGATCTT

360 CTCGCAAGGG TGAAACTCAA AGGAATTGAC GGGG,

360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG,

Metadata:

Stats:

0

60

Metadata:

'description': '' 'id': 'OTU_114'

has degenerates: False has definites: True GC-content: 52.28%

length: 394 has gaps: False

'description': 'id': 'OTU_115'

'id': 'OTU_171' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.28% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGTA GGCGGGTCTT 60 TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAGGTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_172' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 58.12% O TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTCAA ATGAATTGGC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_173' length: 393 has gaps: False has degenerates: False has definites: True GC-content: 52.42% O ACGAAGGGGG CTAGCGTTGC TCGGAATCAC TGGGCGTAAA GGGTGCGTAG GCGGGTTTTT 60 AAGTCAGGGG TGAAATGCCG GAGCTCAACT TCGGAACTGC CTTTGATACT GGAGATCTTG 300 GGATGACTTG TCATTCAGTG GCGCAGCTAA CGCTTTAAGC ATTCCGCCTG GGGAGTACGG 360 TCGCAAGATT AAAACTCAAA TGAATTGACG GGG, DNA Metadata: 'description': '' 'id': 'OTU_174' length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.31% O CACGTAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGGGCATGTA GGCGGCCTTG 60 TAAGCTTGGC GTGAAAGTCC ACGGCTTAAC CGTGGGATTG CGTTGAGAAC TGCGAGGCTT 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_175 Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 54.85% TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGCC ATCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTTAAAT GAATTGACGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_176' Stats: length: 394 has 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300 TGGGCAACTT GATTGCTTAG TAGCGTAGCT AACGCGTGAA ATTGACCGCC TGGGGAGTAC 360 GGTCGCAAGA TTAAAACTCA AAGGAATTGA CGGGG, ______ Metadata: 'description': '' 'id': 'OTU_179' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 54.34% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 TGGGGCGGAT GCTTCAGTGC CGTAGCTAAC GTGATAAGTG CACCGCCTGG GGAGTATGCT 360 CGCAAGGGTG AAACTTAAAG GAATTGACGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_180' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.06% TACGTAGGGT GCGAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGTGCGCA GGCGGCTTTG 60 CAAGACAGAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATTTGTGAC TGCAAGGCTA 300 TGGACGGCTT GCTGTTCAGT AACGAAGCTA ACGCGTGAAG TTGACCGCCT GGGGAGTACG 360 GCCGCAAGGT TGAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_181' Stats: length: 392 has gaps: False has 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GCTGCTTAGT GGCGCAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_184' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.55% TACGTAGGGT GCGAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGTGCGCA GGTGGTTGTG 60 TAAGTCAGAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATTTGAGAC TGCACGGCTA 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_185' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 50.26% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 ATGCGATACA CAGTATGCGG CCAAGCGAAA GCATTAAGTG ATCCACCTGG GGAGTACGAT 360 CGCAAGGTTG AAACTCAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_186' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.05% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTTAA ATGAATTGGC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_187' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 55.58% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTCAA AGGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_188' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 50.26% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 ATGCGATACA CAGTATGCGG CCAAGCGAAA GCATTAAGTG ATCCACCTGG GGAGTACGAT 360 CGCAAGGTTG AAACTCAAAT GAATTGACGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_189' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.79% O TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTCTT 60 TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGGAGATCTT 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGGC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_190' Stats: length: 393 has gaps: False has degenerates: False has definites: True GC-content: 57.00% TACGAAGGGG GCTAGCGTTG TTCGGCATTA CTGGGCGTCC CGCGCCCGTC GGCGGCCCTT 60 TCAGTCCGGG GTGCCCTCCC CGGGCTCCCC CCTGGCCCTG CCTTTGCTAC TGGGTGTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGG, DNA Metadata: 'description': '' 'id': 'OTU_191' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.05% O TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGAGATCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_192' Stats: length: 391 has gaps: False has degenerates: False has definites: True GC-content: 48.08% 0 TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGACCCT 60 TAAGTCAGTG GTGAAAGTTT GCGGCTCAAC CGTAAAATTG CCATGAAACT GAGGGTCTTG 300 TGCGATATAC TGTATGCGGT ACAGCGAAAG CGTTAAGTAT TCCACCTGGG GAGTACGTTC 360 GCAAGAATGA AACTCAAAGG AATTGACGGG G, DNA Metadata: 'description': '' 'id': 'OTU_193' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 51.52% TACGTAGGTG GCAAGCGTTA TCCGGAATTA TTGGGCGTAA AGCGCGCGTA GGCGGTTTTT 60 TAAGTCTGAT GTGAAAGCCC ACGGCTCAAC CGTGGAGGGT CATTGGAAAC TGGAAAACTT 300 TAGGGGGTTT CCGCCCCTTA GTGCTGCAGC TAACGCATTA AGCACTCCGC CTGGGGAGTA 360 CGACCGCAAG GTTGAAACTT AAAGGAATTG ACGGGG, ______ Metadata: 'description': '' 'id': 'OTU_194' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 52.27% ______ TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 0 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 TGGAAGGGTT AAACCTTTTA GTGTCGTAGC TAACGCGTGA AGTTGACCGC CTGGGGAGTA 360 CGGCCGCAAG GCTAAAACTT AAAGGAATTG ACGGGG, Metadata: 'description': 'id': 'OTU_195' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 58.63% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA 300 GGGGGGGCAG GCACCGCAGG GGCGAAGCGA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_196' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.05% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 GTCGCAAGGT TAAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_197' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 56.09% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 GGGATGACGG GGCAGGAAGG GGCGCAGAGA ACGCTTGAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATGGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_198' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 51.27% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTT 60 TAAGTCAGGG GTGAAATCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAAGTCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_199' Stats: length: 460 has gaps: False has degenerates: False has definites: True GC-content: 55.00% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTCTT 60 TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAGGTCTT 360 GGCCGTTAGT GGGTTTACTC ACTAGTGGCG CAGCTAACGC GTTAAGCATT CCGCCTGGGG 420 AGTACGGTCG CAAGATTAAA ACTCAAAGGA ATTGGCGGGG, DNA Metadata: 'description': '' 'id': 'OTU_200' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 46.45% TACGAATGTT TCTATCTTTT TTCTTAATTA CTGTTCTTAA AGCTCACTTA TTCGTACATT 60 TAAGTCAGGT GTTAAATCCC ATGGCTCAAC CCTTGAACTT CCTTTGATAC TGGGTGTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_201' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 57.91% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 TGGCTGGAAA CGGTCAGGGG CTTAGCTAAC GCTTTAAGCA TTCCGCCTGG GGAGTACGGT 360 CGCAAGATTA AAACTCAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_202' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 55.56% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA 360 CGGCCGCAAG GCTAAAACTC AAATGAATTG ACGGGG, Metadata: 'description': '' 'id': 'OTU_203' Stats: length: 382 has gaps: False has degenerates: False has definites: True GC-content: 53.66% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTT 60 TAAGTCAGGG GTGAAATCCT GGAGCATGCC TTTGTGACTG TGGTTCTTGA GTATGGTAGA 300 CTTCCGGTGT CGTCGCTAAC GCAGTAAGTG TTCCGCCTGG GGAGTACGCT CGCAAGGGTG 360 AAACTTAAAT GAATTGACGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_204' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 48.47% 0 TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGCTTTT 60 TAAGTCAGTG GTGAAATCCT GTCGCTCAAC GATAGAATTG CCATTGATAC TGAAAAGCTT 300 ATGCGATACA CAGTATGCGG CCAAGCGAAA GCATTAAGTG ATCCACCTGG GGAGTACGAT 360 CGCAAGGTTG AAACTTAAAG GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_205' Stats: length: 297 has gaps: False has degenerates: False has definites: True GC-content: 54.21% 0 TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 120 GAGTATGGTA GAGGTCAGCG GAATTTCCGG TGTAGCGGTG GAATGCGTAG AGATCGGAAA 180 GAACACCAGA GGCGAAGGCG GCTGACTGGA CCAATACTGA CGCTGAGGCT CGAAAGCGTT 240 AAGTATTCCA CCTGGGGAGT ACGCCGGCAA CGGTGAAACT CAAATGAATT GACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_206' Stats: length: 393 has gaps: False has degenerates: False has definites: True GC-content: 54.45% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGCGCACGTA GGCGGGTCTT 60 TAAGTCAGGG GTGAAATCCC GGAGCTCAAC TCCGGAACTG CCCTTGATAC TGGGGATCTT 300 TGTCAGGTTT ACCTGTCAGT GGCGCAGCTA ACGCATTAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGG, DNA Metadata: 'description': '' 'id': 'OTU_207' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 52.55% 0 TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGGGCGGAT GCTTCAGTGC CGTAGCTAAC GTGATAAGTG CACCGCCTGG GGAGTATGCT 360 CGCAAGGGTG AAACTCAAAG GAATTGACGG GG, Metadata: 'description': '' 'id': 'OTU_208' Stats: length: 393 has gaps: False has degenerates: False has definites: True GC-content: 53.94% ______ TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAGGTCTT 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTCAA ATGAATTGAC GGG, DNA Metadata: 'description': '' 'id': 'OTU_209' Stats: length: 387 has gaps: False has degenerates: False has definites: True GC-content: 53.75% ______ 0 TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 CGGGAGAGGT TTCTTCCGGA GCTAACGCGT TAAGTCGACC GCCTGGGGAG TACGGCCGCA 360 AGGTTAAAAC TCAAATGAAT TGACGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_210' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 44.90% ______ TACGGAGGGT GCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGTCCGTA GGCGGACTGA 0 TAAGTCAGTG GTGAAATCCG ACAGCTTAAC TGTCGAACTG CCATTGATAC TGTTAGTCTT 60 300 TGGGTTTAAT GATTCAGAGA CTAAGCGAAA GTGATAAGTA ATCCACCTGG GGAGTACGTT 360 CGCAAGAATG AAACTTAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_211' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 57.14% TACGGAGGAT GCAAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGTA GGCGGCTTTT 60 TAAGTCAGTG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGCC ATCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTCAAAT GAATTGGCGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_212' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 49.75% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA 300 TGGGGTGCAT GAACATAAGT GTAGAAGATA AAGAGATAAG AAATAAGAAT GGGGAGTAAG 360 GACGAAAGGT TAAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_213' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.05% O TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGCGCACGTA GGCGGATCTT 60 TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGAGATCTT 300 TAGGCAGCTT GCTGCTTAGT GGCGCAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG 360 CCCGCAAGGG TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_214' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 49.75% TACGTAGGGT GCGAGCGTTA ATCGGAATTA TTGGGCGTAA AGCGAGTGCA GACGGTTGTT 60 TAAGCCAGAT GTGAAATCCC CGAGCTTAAC TTGGGACGTG CATTTGGAAC TGGATAACTA 300 TGGGCTTTGA AAGGCTTAGT AGCGAAGCTA ACGCGTGAAA TTGTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_215' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.28% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_216' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 58.16% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 TGGGGCGGAT GCTTCAGTGC CGTAGCTAAC GTGATAAGTG CACCGCCTGG GGAGTATGCT 360 CGCAAGGGTG AAACTTAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_217' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.31% O TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CCTTTGATAC TGAAAGTCTT 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTCAA ATGAATTGGC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_218' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 46.19% 60 CAATTCATAA TTTAAATCCC TTTGCTCAAC CCTGTAACTT CTTTTGATAC TGGGTTGCTA 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTCAA ATGAATTGGC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_219' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 49.49% TACGGAGGAT GCAAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGTA GGCGGCTTTT 60 TAAGTCAGTG GTGAAATCCT GTCGCTCAAC GATAGAATTG CCATTGATAC TGAAAAGCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTTAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_220' Stats: length: 395 has gaps: False has degenerates: False has definites: True GC-content: 55.70% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGTCTGT 60 CAAGTCGGAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATCCGAAAC TGGCAGGCTA 300 TTGTGCCCTT GAGGCGTGGC TTCCGGAGCT AACGCTTTAA GCATTCCGCC TGGGGAGTAC 360 GGTCGCAAGA TTAAAACTCA AATGAATTGA CGGGG, DNA Metadata: 'description': '' 'id': 'OTU_221' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 53.54% O TACAGAGGAT GCAAGCGTTA TCCGGAATGA TTGGGCGTAA AGCGTCTGTA GGTGGCTTTT 60 TAAGTCCGCC GTCAAATCCC AGGGCTCAAC CCTGGACAGG CGGTGGAAAC TACCAAGCTG 300 TGTGCGTATC GACCCGTGCA GTGCTGTAGC TAACGCGTTA AGTATCCCGC CTGGGGAGTA 360 CGTTCGCAAG AATGAAACTT AAATGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_222' length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.57% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGGAAG 360 GAAGAAAGGG GAAAAAGGAA AGGAAGGGAA GGGG, DNA Metadata: 'description': '' 'id': 'OTU_223' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 55.05% 0 TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGCATG CCTTTGTGAC TGTGGTTCTT 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA 360 CGGCCGCAAG GCTAAAACTT AAAGGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_224' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 59.18% ______ TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGTG AGCCGCCTGA GGACTACGGC 360 CGCAAGGCTA AAACTCAAAT GAATTGGCGG GG, DNA Metadata: 'description': '' 'id': 'OTU_225' Stats: length: 396 has gaps: False has degenerates: False

has definites: True GC-content: 55.30%

'description': ''
'id': 'OTU_226'

has degenerates: False has definites: True GC-content: 52.53%

length: 396 has gaps: False

DNA

Metadata:

Stats:

360 CGGCCGCAAG GCTAAAACTC AAATGAATGG ACGGGG,

O TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG

TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA

300 GGGCGGAGGC GAAACAACAA GGGACAAAGA GAACGCGTGA AGTGAGCCGC CTGAGGACTA

0 TACGTAGGTG GCAAGCGTTG TCCGGATTTA TTGGGCGTAA AGCGAGTGCA GGCGGCTCGA 60 TAAGTCTGAT GTGAAAGCCT TCGGCTCAAC CGGAGAATTG CATCAGAAAC TGTCGAGCTT

length: 392 has gaps: False

DNA

Metadata:

has degenerates: False has definites: True GC-content: 48.98%

'description': ''

360 CGCAAGGTTG AAACTTAAAT GAATTGACGG GG,

O TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG
TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC GATAGAATTG CCATTGATAC TGAAAAGCTT

300 ATGCGATACA CAGTATGCGG CCAAGCGAAA GCATTAAGTG ATCCACCTGG GGAGTACGAT

Stat 0 60 300 360 DNA	_	GTGAAATCCC GAGGCGGGC TTAAAACTCA	CGGGCTCAAC TGCCGGAGCG AAGGAATTGA	AACGCGTTAA CGGGG,	CATCCGAAAC GTCGACCGCC	TGGCAGGCTA TGGGGAGTAC
DNA Meta	length: 394 has gaps: F has degener has definit GC-content: TACGAAGGG CAAGTCAGAA GGGGGGGGCAG	_228' False rates: False tes: True : 58.12% GCAAGCGTTG GTGAAAGCCC	TTCGGAATTA TGGGCTCAAC GGCGAAGAGA	CTGGGCGTAA CCGGGAACTG ACGCGAGAAG	AGCGCACGCA CTTTTGATAC	GGCGGCGATC TGGGTTGCTA
	ddata: 'description 'id': 'OTU_ TS: length: 394 has gaps: Finas degener has definit GC-content:	_229' false rates: False tes: True : 52.03% GCAAGCGTTG	TTCGGAATCA	CTGGGCGTAA		 GGCGGAACTA
300 360 DNA	TGGGCCTTAC ATCGCAAGGT adata: 'descriptic 'id': 'OTU_ ES: length: 427 has gaps: F	_230' 7 False rates: False tes: True	GCCGAAGAAA AGGAATTGAC	ACTCGATAAG GGGG,	CATACCACCT	GGGGAGTACG
60 360 420 DNA	TGTGTTAGGC CGGCCGCAAG ATCTAGC, adata: 'descriptic	_231'	GAGGCTCAAC TAACGCGTTA	CTCGGAATTG GCTTCGACAC	CACCTAAAAC TGAGGTGCAT	TACATGGCTA GCACCCCAAC
60 300 360 DNA	has definit GC-content: TACAGAGGGT TAAGTCAAAT TGGGGCCTTT GGTCGCAAGA adata: 'descriptic	GCAAGCGTTA GTGAAATCCC GAGGCTTTAG CTAAAACTTA	ATCGGATTTA CGAGCTTAAC TGGCGCAGCT AATGAATTGA	TTGGGAATTG AACGCGATAA	CATTCGATAC GTAGACCGCC	TGGTTGGCTA TGGGGAGTAC
0 60 120 180 DNA	length: 216 has gaps: F has degener has definit GC-content: CTGGTGTTCT ACCATACTCA CCTGTCTTGT CCCCCTGTAT	False rates: False tes: True : 54.17% TTCCGATCTC AGAACCACAG AGTTCCGCCT TACCGCGGCT	TACGCATTCC TCACAAAGGC ACGCTCCCTT GCTGGCACTA	ATCCTCCAGG TACGCCCAGT CTAGGA,	TTGAGCCCGG GATTCCGAAC	ATCTTTAACC AACGCTTGCA
60 300	length: 394 has gaps: Fe has degener has definite GC-content: TACAGGGGGT CCAGCCCGGG CGGGAGAGGT CTCGCAAGGG	4 False rates: False tes: True	TTCGGCATCA CGGGCTCCCC GTCGTCGCTA AGGAATTGAC	CTGGAGGATG ACGCAGTAAG GGGG,	CCTTTGTGAC TGTTCCGCCT	TGTGGTTCTT GGGGAGTACG
Stat 0 60 	length: 392 has gaps: F has degener has definit GC-content: TACTTATTAT TAATTCATTT	_234' 2 False rates: False tes: True	TCCTTATTTA AATTCTCAAC CCAAGCGAAA	CTTTAAATTT GCGTTAAGTA	CATTTGATAC	TGGACGTCTT
Stat 0 60	length: 285 has gaps: F has degener has definit GC-content: TACGGAGGAT TAAGTCAGTG	on': '' _235' 5 False rates: False tes: True	TCCGGAATCA ATCGCTCAAC	GATGGAACGG	AGGGTCCGTA CCATTGATAC	TGTTAGACTT
240 DNA Meta Stat	GGGAGCGAAC ddata: 'descriptic 'id': 'OTU_ S: length: 392 has gaps: F has degener has definit GC-content:	on': '' _236' 2 False rates: False tes: True : 46.17%	ACCCTGGTAG	TCCACGCCGT	AAACG,	
300 360 DNA	ATGCGATATA CGCAACGGTG adata: 'descriptic 'id': 'OTU_ cs: length: 442 has gaps: F	_237' 2 False rates: False tes: True	TACAGCGAAA GAATTGGCGG	GCGTTAAGTA GG,	TTCCACCTGG	GGAGTACGTT
60 360 420 DNA	CAAGACAGGG CTTCCGGTGT AAACTCAAAT adata: 'descriptic 'id': 'OTU_ Es: length: 331 has gaps: F	_238' 1 False rates: False	CGGGCTCAAC GCAGTAAGTG GG,	CTGGAGGATG TTCCGCCTGG	CCTTTGTGAC GGAGTACGCT	TGTGGTTCTT CGCAAGGGTG
60 240 300 DNA	TGTGTTAGGC GGGAGCAAAA GCAAGGCTAA adata: 'descriptic	: 51.96% GCAAGCGTTA GTGAAAGCCC GGGATTAGAT AACTCAAATG on': '' _239'	GAGGCTCAAC ACCCCTGTAG AATTGACGGG	CTCGGAATTG TCCACGCTTT G,	CACCTAAAAC CGTGCCTGAG	TACATGGCTA GACTACGGCC
60 120 180 DNA	has degener has definit GC-content: TACGAAGGGG TAAGTCAGGG GAGTACGAGA GTACT, adata: 'descriptic 'id': 'OTU_ cs: length: 431	rates: False tes: True : 51.89% GCTAGCGTTG GTGAAATCCC GAGGTGAGTG	TTCGGAATTA AGGGCTCAAC GAATTCCGAG	CCTGGAACTG TGTAGAGGTG	CCTTTGATAC AAATTCCACT	TGGGTGTCTT CACCTCTCTC
60 360 420 DNA Meta	has definit GC-content: TACAGAGACT TGTGTTAGGC GGTGTTCTTG CATACTCAAG adata: 'descriptic 'id': 'OTU_	rates: False tes: True : 52.90% GCAAGCGTTA GTGAAAGCCC CGAATATCTA A,	TTCGGATTCA GAGGCTCAAC CGAATTTCAC	CTCGGAATTG	CACCTAAAAC GCAGTTCCAC	TACATGGCTA TCACCTCTGC
60 420 480 DNA	length: 503 has gaps: F has degener has definit GC-content: TACGGAGGAT TAAGTCAGTG CAAGGTCTTT GGACAACGCT	False rates: False tes: True	TCCGGATTCA GTCGCTCAAC GTGCGAATCC GTA,	GATAGAATTG GCCCGCGCAC	CCATTGATAC CCTTTACACC	TGAAAAGCTT CAGTAATTCC
60 300 360 DNA	length: 396 has gaps: F has degener has definit GC-content: TACAGAGACT TGTGTTAGGC TGGCGGATTC CGGAAGAAAG	_242' 6 False rates: False tes: True	TTCGGATTCA GAGGCTCAAC GGGCCCAAGC AAAGGAAGGG	CTCGGAATTG TAACGCGTTA AAGGGG,	CACCTAAAAC AGTGAGCCGC	TACATGGCTA CTGAGGAAGA
Stat Stat 0 60 300	adata: 'description 'id': 'OTU_ cs: length: 390 has gaps: For the description GC-content: TACATATACT TTTTTTATGC TGGCGGATTC	on': '' _243' 6 False rates: False tes: True : 45.20% TCAATCTTTA TTTAAATCCC	TTCTTATTCA TATTCTCAAC	CTTTTCTTAA CTCTTAATTT	ATTTTTCTCA CACCTAAAAC	TTCTTCCATG TACATGTCTA
360 DNA Meta Stat	cGGCCGCAAG ddata: 'descriptic 'id': 'OTU_ cs: length: 393 has gaps: F has degener has definit GC-content: TACGGAAGGT TAAGTCAGTG	GCTAAAACTC on': '' _244' false rates: False tes: True : 50.13%	AAAGGAATTG	ACGGGG, TTGGGTTTAA CATCGTTAGC	AGGGAGCGTA CATTGAAACT	GGCGGATTAT GGTAGTCTTG
300 360 DNA Meta Stat	TGCGATAGAA GCAACGGTGA adata: 'descriptic 'id': 'OTU_ s: length: 392 has gaps: F has degener has definit GC-content:	TGTAAGCCGC AACTCAAATG on': '' _245' 2 False rates: False tes: True : 53.83%	CAAGCGAAAG AATTGACGGG	CATTAAGTAT G, CTGGGCGTAA	ACCACCTGGG	GAGTACGCCG
60 300 360 DNA	TAAGTCAGGG TGGCTGGAAA GGCAACGGTG adata: 'descriptic 'id': 'OTU_ s: length: 385 has gaps: F has degener has definit GC-content:	GTGAAATGCC CGGTCAGGGG AAACTTAAAG on': '' _246' false rates: False tes: True	GGAGCTCAAC CTTAGCGAAA GAATTGACGG	TTCGGAACTG GCGTTAAGCC GG,	CCTTTGATAC ATCCACCTGG	TGGAGATCTT
60 300 360 DNA	TACGAAGGG TAAGTCAGGG CGGGAGAGGT CTCGCAAGGG adata: 'descriptic' 'id': 'OTU_ s: length: 394 has gaps: F	: 52.73%	TTCGGAATTA AGGGCTCAAC GTCGTCGCTA ATGAA,	CTGGGCGTAA CCTGGAACTG ACGCAGTAAG	AGCGCACGTA CTTTTGATAC TGTTCCGCCT	GGCGGACATT TGGGTTGCTA GGGGAGTACG
60 300 360 DNA	TACGAAGGGG TAAGTCAGGG TGGATGACTT GTCGCAAGAT adata: 'descriptic 'id': 'OTU_ cs: length: 392	: 53.81% GCTAGCGTTG GTGAAATCCC GTCATTCAGT TAAAACTCAA on': '' _248'	TTCGGAATTA AGGGCTCAAC GGCGCAGCTA AGGAATTGAC	CTGGGCGTAA CCCAGAACTG ACGCTTTAAG GGGG,	AGCGCACGTA CCTTCGATAC CATTCCGCCT	TGGCGGTCTC GGGGAGTACG
60 300 360 DNA	has definit GC-content: TACGGAGGAT TAAGTCAGTT TTGCGATATA GGCAACGGTG adata: 'descriptic	rates: False tes: True : 49.23% CCAAGCGTTA GTGAAAGTTT CAGTAAGCGG AAACTTAAAT	TCCGGATTTA AAGGCTCAAC CCAAGCGAAA GAATTGACGG	CTTGAAATTG GCGTTAAGTA GG,	CAGTTGATAC TTCCACCTGG	TGGACGTCTT GGAGTACGCC
0 60 300 360 DNA	length: 394 has gaps: Fe has degener has definite GC-content: TACGAAGGGG TAAGTCGGAG TGGATGACTT GTCGCAAGAT	False rates: False tes: True : 53.55% GCTAGCGTTG GTGAAATCCT GTCATTCAGT TAAAAACTCAA	TTCGGATTTA GGGGCTCAAC GGCGCAGCTA AGGAATTGGC	CCCAGAACTG ACGCTTTAAG GGGG,	CCTTCGATAC CATTCCGCCT	TGGCGGTCTC GGGGAGTACG
60 300	'id': 'OTU_ cs: length: 394 has gaps: F has degener has definit GC-content: TACAGGGGGT CAAGACAGGG TAGTGGGTTT GTCGCAAGAT	_250' 4 False rates: False tes: True	TTCGGAATCA CGGGCTCAAC GGCGCAGCTA AGGAATTGAC	CTGGAGGATG ACGCTTTAAG GGGG,	CCTTTGATAC CATTCCGCCT	TGAAGGTCTT GGGGAGTACG
Stat 0 60 	data: 'description 'id': 'OTU_ cs: length: 392 has gaps: For the degener has definited GC-content: TACAGGGGGT CAAGACAGGG TTGCGATATA	on': '' _251' 2 False rates: False tes: True	TTCGGAATCA CGGGCTCAAC	CTGGGCGTAA CTGGAGCATG GCGTTAAGTA	AGGGAGCGTA CCTTTGTGAC	GGCGGAACTA TGTGGTTCTT
DNA Meta Stat	data: 'description 'id': 'OTU_ TS: length: 392 has gaps: Finas degener has definited GC-content: TACGGAGGAT	on': '' _252' 2 False rates: False tes: True	TCCGGATTCA	TTGGGTTTAA	AGGGTGCGTA	 GGCGGCTTTT
300 360 DNA Meta Stat	CGCAAGATTA adata: 'descriptic 'id': 'OTU_ ES: length: 394 has gaps: F has degener has definit GC-content:	_253' false rates: False tes: True : 55.84% GCTAGCGTTG	GAATTGACGG	GG,	AGGGTGCGTA	GGCGGGTTTT
300 360 DNA	GAGGGGGTGT GTCGCAAGAT adata: 'description 'id': 'OTU_ s: length: 394 has gaps: F has degener has definit GC-content:	_254' 4 False rates: False tes: True	GGCGCAGCGA AGGAATTGAC	ACGCTTTAAG GGGG,	CATTCCGCCT	GGGGAGTACG
60 300 360 DNA	TAGGCAGCTT CTCGCAAGGG adata: 'descriptio 'id': 'OTU_ s: length: 396 has gaps: F has degener has definit	_255' 6 False rates: False tes: True	CGGGCTCAAC GGCGCAGCTA AGGAATTGGC	CTGGAGGATG ACGCAGTAAG GGGG,	CCTTTGTGAC TGTTCCGCCT	TGTGGTTCTT GGGGAGTACG
60 300 360 DNA	TACGAAGGGG TAAGTCAGAG TGGCGGATTC CGGCCGCAAG adata: 'descriptic 'id': 'OTU_ cs: length: 394 has gaps: F	: 54.04% GCTAGCGTTG GTGAAAGCCT GACCCCCCCA GCTAAAACTC on': '' _256'	GGAGCTCAAC GGGCCCAAGC AAAGGAATTG	CTCGGAATTG TAACGCGTTA ACGGGG,	CACCTAAAAC AGTGAGCCGC	TACATGGCTA CTGAGGACTA
60 300 360 DNA	has definit GC-content: TACGTAGGGT TAAGACAGGC TGGGTCTTAG GCCGCAAGGT adata: 'descriptic 'id': 'OTU_ cs: length: 394	tes: True : 55.08% GCAAGCGTTA GTGAAATCCC CTGACTCAGT TGAAACTTAA on': '' _257'	ATCGGAATTA CGGGCTCAAC AACGAAGCTA ATGAATTGAC	CTGGGAATGG ACGCGTGAAG GGGG,	CGCTTGTGAC TTGACCGCCT	TGCACAACTG GGGGAGTACG
60 300 360 DNA	has definit GC-content: TACGAAGGGG CAAGTCAGAA TGGGGTGCAT GCCGCAAGGT adata: 'descriptic	rates: False tes: True : 53.55% GCAAGCGTTG GTGAAAGCCC GCACCTCAGT TAAAACTCAA	TTCGGAATTA TGGGCTCAAC GTCGAAGCTA AGGAATTGAC	CCGGGAACTG ACGCGATAAG GGGG,	CACTCCGCCT	TGGGTTGCTA GGGGAGTACG
60 300 360 DNA	has definit GC-content: TACGAAGGGG CCAGTCCGAC TGGGGTGCAT GCCGCAAGGT	False rates: False tes: True : 58.38% GCAAGCGTTG GTGCCCGCCC GCACCTCAGT TAAAACTTAA	TTCGGCATTA TGGGCTCCCC GTCGAAGCTA ATGAATTGAC	CCGGGCCCTG ACGCGATAAG GGGG,	CTTTTGCTAC	TGGGTTGCTA GGGGAGTACG
60 300 360	'id': 'OTU_ S: length: 394 has gaps: F has degener has definit GC-content: TACGAAGGG TAAGTCAGGG	_259' 4 False rates: False tes: True	TTCGGAATTA AGGGCTCAAC	CCTGGAACTG ACGCTTTAAG GGGG,	CCTTTGATAC	TGGGTGTCTT
DNA		GTCATTCAGT TAAAAAGAAA	AGGAAGGGGA			
Stat Stat 0 60 300	adata: 'description 'id': 'OTU_ Tes: length: 394 has gaps: Feas degener has definite GC-content: TACAGGGGGT CAAGACAGGG	TAAAAAGAAA on': '' _260' false rates: False tes: True : 53.05%	AGGAAGGGA TTCGGAATCA CGGGCTCAAC	CTGGAGGATG ACGCTTTAAG	AGGGAGCGTA CCTTTGTGAC	 GGCGGAACTA TGTGGTTCTT
Meta Stat Stat 0 60 Meta Stat	data: 'description 'id': 'OTU_	TAAAAAGAAA on': '' _260' 4 False rates: False tes: True : 53.05% GCAAGCGTTG GTTAAAGATC GTCATTCAGT TAAAACTTAA on': '' _261' 4 False rates: False tes: True	TTCGGAATCA CGGGCTCAAC GGCGCAGCTA ATGAATTGAC TTCGGAATTA TGGGCTCAAC	CTGGGCGTAA CTGGAGGATG ACGCTTTAAG GGGG, CTGGGCGTAA CCGGGAACTG	AGGGAGCGTA CCTTTGTGAC CATTCCGCCT	GGCGGAACTA TGTGGTTCTT GGGGAGTACG
Meta Stat 0 60 300 360 DNA Meta Stat 0 60 300 360 DNA Meta	data: 'description 'id': 'OTU_	TAAAAAGAAA On': '' 260' 4 False rates: False tes: True : 53.05% GCAAGCGTTG GTTAAAACTTAA On': '' 261' 4 False rates: False tes: True : 46.70% GCAAGCGTTG GTGAAAGCCC GAAAATAAGT TAAAAATAAA On': '' 262' 4 False rates: False tes: True : 53.05% GCAAGCGTTG GTGAAAGCCC GAAAATAAGT TAAAAATAAA	TTCGGAATCA CGGCTCAAC GGCGCAGCTA ATGAATTGAC TTCGGAATTA TGGGCTCAAC GTAGAAGATA AGGAATTGGC	CTGGGCGTAA CTGGAGGATG ACGCTTTAAG GGGG, CTGGGCGTAA CCGGGAACTG AAGAGATAAG GGGG, CTGGGCGTAA CCGGGAACTG	AGGGAGCGTA CCTTTGTGAC CATTCCGCCT AGCGCACGCA CTTTTGATAC AAATAAGAAT AGGGTGCGTA CCTTTGATAC	GGCGGAACTA TGTGGTTCTT GGGGGAGTACG GGCGGCGATC TGGGTTGCTA GGGGAGTAAG GGCGGGTCTT TGAAGGTCTT
Meta Stat 060 300 360 DNA Meta Stat 060 300 360 DNA Meta Stat 0 60 Stat	data: 'description 'id': 'OTU_ s: length: 394 has gaps: Feas degener has definite GC-content: 'description 'id': 'OTU_ s: length: 394 has gaps: Feas degener has definite GC-content: 'id': 'OTU_ s: length: 394 has gaps: Feas degener has degener ha	TAAAAAGAAA	TTCGGAATCA GGCGCTCAAC GTAGAAGATA AGGAATTGGC TTCGGAATTA TGGGCTCAAC GTAGAAGATA AGGAATTGGC TTCGGAATCA GGAGCTCAAC	CTGGGCGTAA CTGGAGGATG ACGCTTTAAG GGGG, CTGGGCGTAA CCGGGAACTG AAGAGATAAG GGGG, CTGGGCGTAA TCCAGAACTG ACGCAGTAAG GGGG,	AGGGAGCGTA CCTTTGTGAC CATTCCGCCT AGCGCACGCA CTTTTGATAC AAATAAGAAT AGGGTGCGTA CCTTTGATAC TGTTCCGCCT	GGCGGAACTA TGTGGTTCTT GGGGGAGTACG GGCGGCGATC TGGGTTGCTA GGGGAGTAAG GGCGGGTCTT TGAAGGTCTT GGGGGAGTACG
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To 60.336 No. 12 at at at a 1.2 at	data: 'data:	TACAMACRA	TCGGAATTA GGGCTCAAC GGGCTCAAC GGGCCCAAC AGGACTCAAC GGGCCCAAC AGGACTCAAC GGGCCCAAC AGGACTCAAC GGGCCCAAC GAGCTCAAC GGGCCCAAC GAGCTCAC GGGCCCAAC GAGCTCAC GGGCCCAAC GAGCTCAC GGGCCCAAC AGGACTCAC GCGCATTA AGGACTCAC GCGCATTA AGGACTCAC GCGCCACC AATGAATTG CCGGATTCA CCCGCATCAC CTCGGATTCA CCCGCTCAC CCCAAC CAATGAATTG CCCCCACC CCCAAC CAATGAATTA CCCCCCAAC CCCCAAC CCCCAAC CCCCACC CCCCCC	CTGGGCGTAA CCGGGAGTAA CCGGGAGTAA CCAGGAGTAA CCAGGAGTAA CCAGGAGTAA CCAGGAGTAA CCAGGAGTAA CCAGGAGTAA CCTGGGCGTAA CCGGGATAA CCGGGGATAA CCGGGGATAA CCGGGGATAA CCGGGGATAA CCGGGCTAA CCGGGCATAA CCGGCATAA CCGCATAA CCGGCATAA CCGGGCATAA CCGGGCATAA CCGGGCATAA CCGGCATAA CCGGCATAA CCGGCATAA CCGGCATAA CCGGCATAA CCGGCATAA CCGGCATAA CCGGCATAA CCGGCAT	AGGGAGCGTA CATTCAGCAC AGGGTAGCAC ATTCAGCAC AGGGTAGCAC AGCGTAGCAC AGGGTAGCAC AGGGTAGC AGGGTAGCAC AGG	GGCGGATCTT GGGGGGTCTT GGGGGGGTCTT GGGGGGTCTT GGGGGGTCT GGGGGGT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGGTCT GGGGGGGTCT GGGGGGGTCT GGGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGGTCT GG
The state of the s	data de	## A PROPRISE OF THE PROPRISE	TCGGATTAA GGGCTCAAC GGGCTCAAC GTGGATTAA GGAGTCAAC GTGGATTAA GGAGTCAAC GTGGATTAA GGAGTCAAC GAGAATGAATGA TCGGATTAA GGGCTCAAC GAGCTCAAC GAGCTCAAC GAGCTCAAC GAGCTCAAC GAGCTCAAC GAGCTCAAC GAGCTCAC GAGCTCAAC GAGCTCAC CTAGCGATTA AGGCTCAAC CTAGCGATTAA CGCGCTCAC CTAGCGATTAA CGCGCTCAC CTAGCGATTAA CGCGCTCAC CTAGCGATTAA CGCGCTCAC CTAGCGATCAA CTAGCAATGAATGAC CTTAGCGATTAA CGCGCTCAC CTAGCGAAA GAATTGAC TCCGGATTCA CCCAAGCAAA GAATTGAC TCCGGATTAA CGCGCTCAC CTAGCGAAA GAATTGAC TCCGGATTAA CGCGCTCAAC CCAAGCGAAA GAATTGAC TCCGGATTAA CGCGCTCAAC CCAAGCGAAA GAATTGAC TCCGGATTAA CGCGCTCAAC CCAAGCAAAA CAATTGAC TCCGGATTAA CGCGCTCAAC CCAAGCAAAA CAATTGACA TCCGGATTAA CGCGCTCAAC CCAAGCAAAA CAATTGAC TCCGGATTAA CCCGGCTCAAC CCAAGCAAAA CAATTGAC TCCGGATTAA CCCGGCTCAAC CCAAGCAAAA CAATTGAC TCCGGATTAA CCCGGCTCAAC CCAAGCAAAA CAATTGAC TCCGGATTAA CCCGGATTAA CCCGGCTCAAC CCAAGCAAAA CAATTGAC TCCGGATTAA CCCGGATTAA CCCGGCTCAAC CCAAGCAAAA CAATTGAC TCCGGATTAA CCCGGCTCAAC CCAAGCAAAA CAATTGAC TCCGGATTAA CCCGGATTAA CCCGGCTCAAC CCAAGCAAAA CAATTGAC TCCGGATTAA CCCGGCTCAAC CCAAGCAAAA CAATTGAC TCCGGATTAA CCCGGATTAA CCCGGCTCAAC CCAAGCAAAA CAATTGAC CTAAC CTAC	CTGGGCGTAA CCGGGGATAA CCGGGGATAA CCGGGCGTAA CCGGGGATAC CTGGGCGTAA CCGGGGATAC CTGGGCGTAA CCGGGGATAC CCGGGCGTAA CCGGGGATAC CTGGGCGTAA CCGGGCGTAA	AGGGTGCGTA CTTTCGCCT AGGGTGCGTA CTTTGATAC TGTTCCGCCT AGGGTGCGCA AGGTGCGCA AGGTGCGCA AGGTGCGCA AGGTGCGCA AGGTGCGCA AGGTGCGCA AGGTGCGCA AGCTTTGATAC TTTCCGCCT AGGGTGCGCA AGCTTCCGCCT AGGGTGCGCA AGCTTCCGCCT AGGGTGCGCA AGCTTCCGCCT AGGGTGCGCA ACCTTTGATAC ACCTTTGATAC TGTTCCGCCT AGGGTGCGCA ACCTTTGATAC ACCTTGATAC TGTTCCGCCT AGGGTGCGCA ACCTTTGATAC ACCTTGATAC ACCTTGATAC ACCTTGATAC ACCTTGATAC ACCTTGATAC ACCTTGATAC ACCTTGATAC ACCTTGATAC ACCTTGATAC ATCCACCTGG AGGGTGCGTA ACCTTTGATAC ACCTTGATAC ACCTTTGATAC ACCTTTCAC ACCTTCAC ACCT	GGCGGATCTT GGGGGGTCTT GGGGGGGTCTT GGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGTCTT GGGGGGGTCTT GGGGGGTCTT GGGGGGGTCTT GGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGTCTT GGGGGGGTCTT GGGGGGTCTT GGGGGGGTCTT GGGGGGTCTT GGGGGGGTCTT GGGGGGTCTT GGGGGGGTCTT GGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGGTCT GGGGGGGTCTT GGGGGGGTCTT GGGGGGGTCT GGGGGGGTCT GGGGGGGTCT GGGGGGTCT GGGGGGGTCT GGGGGGGTCT GGGGGGGTCT GGGGGGGTCT GGGGGGGTCT GGGGGGTCT GGGGGGGTCT GGGGGGGTCT GGGGGGGTCT GGGGGGGTCT GGGGGGGTCT GGGGGGGTCT GGGGGGGTC GGGGGGTCT GGGGGGGTCT GGGGGGGTC GGGGGGGTC GGGGGGTC GGGGGGTC GGGGGGTC GGGGGGTC GGGGGGTC GGGGGGTC GGGGGGTC GGGGGGTC GGGGGGGTC GGGGGGTC GGGGGGTC GGGGGGTC GGGGGGGTC GGGGGGGTC GGGGGGTC GGGGGGGT GGGGGGGT GGGGGGGT GGGGGGGT GGGGGG
The second secon	data: didac: didacinic did	TOTACAGAGA TOTACAGAGA TOTACAGAGAGAGA TOTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGA	TICGGATTAA GGGCTCAAC GGGCTCAAC GGGCCCAAGC AGGACTCAAC GGGCCCAAGC AGGACTCAAC GGGCCCAAGC AAGGATTAA GGGCTCAAC GGGCCCAAGC AATGAATTAA GGGCTCAAC GGGCCCAAGC AATGAATTAA GGGCTCAAC GGGCCCAAGC AATGAATTAA GGGCTCAAC GGGCCCAAGC AATGAATTAA CGCGCTCAC CAGGACTCAAC GGGCCCAAGC AATGAATTAA CGCGCTAAC GCGCCAAGC AATGAATTAA CGCGCTAAC GCGCCAAGC AATGAATTAA CCCTGGATTAA CCCTGGATTAA CCCTGGATTAA CCCTGGATTAA CCCTGACAC CCAATGAAT CCCGGATTAA CCCTGCTAAC CTCGGATTAA CCCTGCTAAC CTCGGATTAA CCCTGCTAAC CTCGGATTAA CCCTGCTAAC CTCGGATTAA CCCTGCTAAC CCAATGAAT CCCGCATCAAC CCAATGAAT CCCGCATCAAC CCAATGAAT CCCGCATCAAC CCAATGAAT CCCGCATCAAC CCCAATGAAT CCCCGCTCAAC CCAATGAATTAA CCCTGCTAAC CTCGGATTAA CCCTGCTAAC CCCGATTAAC CCCGCATCAAC CCCGCATCAAC CCCGCATCAAC CCCGCATCAAC CCCGCATCAAC CCCGCATCAAC CCCCACCAAC CCCCACCAAC CCCCACCAAC CCCCACCA	CTGGGCGTAA	AGGGTGGCAC CATTCCGCCT AGGCTGCCTA AGGTTGCATAC CATTCCGCCT AGGTTGCATAC CATCCGCCT AGGTTGCACC CACCTAAAAC AGTTGCACCT AGGTTCCGCCT AGGCTCCGCCT AGGCTCCGCCT AGGCTCCGCCT AGGCTCCGCCT AGGCTCCGCCT AGGCTCCGCCT AGGCTCCGCCT AGGCTCCGCCT AGGCTCCGCCT AGGCTCCCCCT AGGCTCCCCCC AGCCCCCCC AGCCCCCCCC AGCCCCCCCC	GGCGGACTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGGTCTT GGGGGGTCTT GGGGGGTCT GGGGGGTCTT GGGGGGTCTT GGGGGGTCTT GGGGGGTCTT GGGGGGTCTT GGGGGGTCT GGGGGGTC GGGGGGTCT GGGGGGTC GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT GGGGGGTCT G

Stats:

DNA

Metadata:

Stats:

length: 396 has gaps: False has degenerates: False

360 AGGAAGAAAG GATAAAACTA AAATGAATTG ACGGGG,

O TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG
60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA
...
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has definites: True GC-content: 44.95%

'description': '' 'id': 'OTU_283'

length: 394

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Metadata:

'description': ''
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degenerates: False has definites: True GC-content: 49.49% O TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TTGCGATATA CAGTAAGCGG CCAAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACGGC 360 CGCAAGGTTA AAACTCAAAT GAATTGGCGG GG, DNA Metadata: 'description': '' 'id': 'OTU_288' length: 309 has gaps: False has degenerates: False has definites: True GC-content: 56.63% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCG TAGATATCAT GAGGAATACC AATGGCGAAG GCAGCTACCT 240 AGCTAACGCG TTAAGTGAGC CGCCTGAGGA CTACGGCCGC AAGGCTAAAA CTCAAAGGAA 300 TTGACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_289' Stats: length: 216 has gaps: False has degenerates: False has definites: True GC-content: 54.17% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 120 GAGTATGGTA GAGGTCAGCG GAATTTCCGG TGTAGCGGTG GAATGCGTAG AGATCGGAAA 180 GAACACCAGA GGCGAAGGCG GCTGACACAT CAACGA, DNA Metadata: 'description': '' 'id': 'OTU_290' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.57% O TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTCAA AGGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_291' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 52.78% 0 TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 TGGAAGGGTT AAACCTTTTA GTGTCGTAGC TAACGCGTGA AGTTGACCGC CTGGGGAGTA 360 CGGCCGCAAG GCTAAAACTT AAATGAATTG ACGGGG, DNA 'description': '' 'id': 'OTU_292' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 53.83% TACGAAGGGG GCTAGCGTTG TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGCC ATCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTTAAAG GAATTGACGG GG, _____ Metadata: 'description': '' 'id': 'OTU_293' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.79% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 0 60 CAAGTCAGAA GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTCAA AGGAATTGAC GGGG, Metadata: 'description': 'id': 'OTU_294' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 50.51% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT 60 TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGGACGTCTT 300 GGGAGAGAG CAGGAAGCGG CAAAGAGAAA GCGTGAAGTA TTCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTCAAAT GAATGGACGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_295' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 57.36% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 TGGAGGACGG GGCAGGCAGT GGCGCAGCGA ACGCTGGAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAG TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_296' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.31% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTTAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_297' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.81% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTCAA ATGAATTGAC GGGG, Metadata: 'description': '' 'id': 'OTU_298' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.55% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTC 60 TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGGAAGTCTA 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCGATAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_299' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.79% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA AGGAATTGAC GGGG, DNA 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CGGGCTCAAC CTGGGAACTG CATTGGTGAC TGGCAGGCTA 300 TGGGGATTCA TTTCCTTAGT AACGTAGCTA ACGCGTGAAG TTGACCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_303' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 49.75% 0 TACAGAGGGT GCGAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGAGTGTA GGTGGCTCAT 60 TAAGTCACAT GTGAAATCCC CGGGCTTAAC CTGGGAACTG CATGTGATAC TGGTGGTGCT 300 TTGGGGTCCT TGAGACTTTA GTGGCGCAGT TAACGCGATA AGTAGACCGC CTGGGGAGTA 360 CGGCCGCAAG GTTAAAACTT AAATGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_304' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 49.75% O TACGGAGGAT GCAAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGTA GGCGGCTTTT 60 TAAGTCAGTG GTGAAATCCT GTCGCTCAAC GATAGAATTG CCATTGATAC TGAAAAGCTT 300 CGGGCAGCAT GCTGTTCGGT GGCGCAGCTA ACGCTTTGAG CTTCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 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CTGGAGCATG CCTTTGTGAC TGTGGTTCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_308' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.03% ______ 0 TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGATCTT 60 TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCCTCGATAC GGTGAGTCTT 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTTAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_309' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.82% TACGGAGGGT GCAAGCGTTA ATCGGAATAA CTGGGCGTAA AGCGCACGCA GGCGGTCGGA 0 TAAGTCAGAT GTGAAAGCCC CGGGCTCAAC CTGGGAACTG CATTTGAAAC TGTCTGACTA 60 300 CTGTGCCATA GAGCGTGGGC TCCGAAGCTA ACGCGATAAG TTGACCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_310' 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CACCTAAAAC TACATGGCTA 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTCAA ATGAATTGAC GGGG, Metadata: 'description': '' 'id': 'OTU_313' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 51.79% TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 ATGCGATACA CAGTATGCGG CCAAGCGAAA GCATTAAGTG ATCCACCTGG GGAGTACGAT 360 CGCAAGGTTG AAACTCAAAG GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_314' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 53.79% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA 360 CGATCGCAAG GTTGAAACTC AAATGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_315' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.06% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_316' Stats: length: 378 has gaps: False has degenerates: False has definites: True GC-content: 51.59% O TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTC GAAGGTTAAA 60 GACCTTGGCT TAACCAAGGA GATGCCCTCG ATACGGTGAG TCTTGAATGT GAGAGAGGAT 300 CAGTGCCGAA GAAAACTCGA TAAGCATACC ACCTGGGGAG TACGATCGCA AGGTTGAAAC 360 TCAAATGAAT TGACGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_317' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 53.06% TACGGAGGAT CCAAGCGTTA TCCGGCTTTA TTGGGTTTCC CGGGCGCGTC GGCGGCTGTT 60 TCAGTCCGTT GTGCCCGTTT CCGGCTCCCC CTTGCCCTTG CAGTTGCTCC TGGACGTCTT 300 TTGCGATATA CAGTAAGCGG CCAAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTCAAAT GAATTGACGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_318' Stats: length: 387 has gaps: False has degenerates: False has definites: True GC-content: 52.20% TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 TAGTGGGTTC AGTGCCGAAG AAAACTCGAT AAGCATACCA CCTGGGGAGT ACGATCGCAA 360 GGTTGAAACT TAAATGAATT GACGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_319' Stats: length: 401 has gaps: False has degenerates: False has definites: True GC-content: 56.61% TACGGAGGGT GCAAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGTCTGT 60 CAAGTCGGAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATCCGAAAC TGGCAGGCTA 300 TTGTGCCCTT GAGGCGTGGC TTCCGGTGTC GTCGCTAACG CAGTAAGTGT TCCGCCTGGG 360 GAGTACGCTC GCAAGGGTGA AACTTAAAGG AATTGACGGG G, DNA Metadata: 'description': '' 'id': 'OTU_320' Stats: length: 394 has gaps: False has degenerates: False has 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CATTCCGAAC AACGCTAGCC 360 CCCTTCGTAT TACCGCGGCG GCTGACACGG TTACCA, DNA Metadata: 'description': '' 'id': 'OTU_323' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.05% ______ TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGATCTT 60 TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAGGTCTT 300 TAGGCAGCTT GCTGCTTAGT GGCGCAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGGT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_324' Stats: length: 384 has gaps: False has degenerates: False has definites: True GC-content: 54.43% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCCC CTTCGTATTA 360 CCGCGGCTGC TGGCACAGCA ACCA, DNA ______ Metadata: 'description': '' 'id': 'OTU_325' Stats: length: 395 has gaps: False has degenerates: False has definites: True GC-content: 50.89% TACGGAGGGA GCTAGCGTTA TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGCTTTG TAAGTAAGAG GTGAAAGCCC AGAGCTCAAC TCTGGAATTG CCTTTTAGAC TGCATCGCTT 300 CCGGACACTT GGTGTTTGGG TGGCGCAGCT AACGCATTAA GTTATCCGCC TGGGGAGTAC 360 GGCCGCAAGG TTAAAACTCA AATGAATTGA CGGGG, Metadata: 'description': '' 'id': 'OTU_326' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.28% TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGATATT TAAGTCAGGG GTGAAATGCC AGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGGGGTCTT 300 TAGGTAGCTT GTCGTTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_327' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.28% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTT 60 TAAGTCAGGG GTGAAATCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGGAGATCTT 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA ATGAACGCAC ACGG, DNA Metadata: 'description': '' 'id': 'OTU_328' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 54.34% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTT 60 TAAGTCAGGG GTGAAATCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGGAGATCTT 300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGCC ATCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTCAAAG GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_329' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 55.08% TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 CGGGCAGCAT GCTGTTCGGT GGCGCAGCTA ACGCTTTGAG CTTCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_330' Stats: length: 395 has gaps: False has degenerates: False has definites: True GC-content: 54.18% 0 TACGAAGGGG GCAAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 TTGTGCCCTT GAGGCGTGGC TTCCGGAGCT AACGCGTTAA GTCGACCGCC TGGGGAGTAC 360 GGCCGCAAGG TTAAAACTTA AATGAATTGA CGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_331' Stats: length: 402 has gaps: False has degenerates: False has definites: True GC-content: 53.23% 0 TACGTAGGGT GCGAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGTGCGCA GGTGGTTGTG 60 TAAGTCAGAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATTTGAGAC TGCACGGCTA 300 TGGGCCTTAC GGGGTTAAAC CTTTTAGTGT CGTAGCTAAC GCGTGAAGTT GACCGCCTGG 360 GGAGTACGGC CGCAAGGCTA AAACTCAAAG GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_332' Stats: length: 434 has gaps: False has degenerates: False has definites: True GC-content: 49.77% 0 TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT 60 TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGGACGTCTT 360 GGCCAAGCGA AAGCGTTAAG TATTCCACCT GGGGAGTACG CCGGCAACGG TGAAACTTAA 420 ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_333' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.28% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 CAAGTCAGGG GTGAAAGCCC AGGGCTCAAC CCGGGAACTG CCTTTGATAC TGGGTTTCTT 300 TGGGTGACTT GTCATTCAGT GTCGAAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGGT TAAAACTTAA AGGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_334' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 51.52% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTT 60 TAAGTCAGGG GTGAAATCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAAGTCTT 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTCAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_335 Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 51.52% TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGATCTT 60 TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGAGATCTT 300 TAGGCAGCTT GCTGCTTAGT GGCGCAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA ATGAATTGGC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_336' length: 398 has gaps: False has degenerates: False has definites: True GC-content: 55.28% O TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGCGTAA AGGGCTCGTA GGTGGTTTGT 60 CGCGTCGTCT GTGAAATTCC GGGGCTTAAC TCCGGGCGTG CAGGCGATAC GGGCATAACT 300 TGAGGGTCTT TTCACGACTT TCGTGCCGTA GCTAACGCAT TAAGCGCCCC GCCTGGGGAG 360 TACGGCCGCA AGGCTAAAAC TTAAAGGAAT TGACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_337' length: 396 has gaps: False has degenerates: False has definites: True GC-content: 58.33% TACAGAGACT GCAAGCGTTA TTCGGCTTCA CTGGGCGTCA CGGGTGCGCC GGCGGCCATG 60 TGTGTTCGGC GTGCCCGCCC GCGGCTCCCC CTCGGCCTTG CACCTAACAC TCCATGGCTA 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA 360 CGGCCGCAAG GCTAAAACTC AAAGGAATTG GCGGGG, DNA

Metadata:

Stats:

DNA

Metadata:

Stats:

'description': ''
'id': 'OTU_338'

'description': ''
'id': 'OTU_339'

has degenerates: False has definites: True GC-content: 53.55%

length: 394 has gaps: False

has degenerates: False has definites: True GC-content: 60.15%

360 CTCGCAAGGG TGAAACTCAA ATGAATTGAC GGGG,

O TACAGGGGGT GCAAGCGTTG TTCGGCATCA CTGGGCGTCC CGGGCGCGTC GGCGGCCCTC
CCCGCCAGGG GTTCCCGCTC CGGGCTCCCC CTGGCGCCTG CCTTTGTGCC TGTGGTTCTT

300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG

TACGAAGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTT
TAAGTCAGGG GTGAAATCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAAGTCTT

300 CGGGCAGCAT GCTGTTCGGT GGCGCAGCTA ACGCTTTGAG CTTCCCGCCT GGGGAGTACG

length: 394 has gaps: False

has gaps: False

'description': ''
'id': 'OTU_284'

has degenerates: False has definites: True GC-content: 55.95%

length: 395 has gaps: False

DNA

Metadata:

Stats:

has degenerates: False has definites: True GC-content: 56.85%

360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG,

O TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT
60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT

300 GGGATGACGT GGCAGTCAGT GGCGCAGCGA ACGCTTTAAG CATTCCGCCT GGGGAGTACG

O TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGTTTGT 60 TAAGTCAGAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATCTGATAC TGGCAAGCTT

0 60 120 180 240 DNA	
Stat 0 60 	description': '' 'id': 'OTU_342' ts: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 54.55% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA CGGCCGCAAG GCTAAAACTC AAATGAATTG ACGGGG,
DNA Meta Stat	adata: 'description': '' 'id': 'OTU_343'
300 360 DNA	CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG CTCGCAAGGG TGAAACTTAA AGGAATTGAC GGG, adata: 'description': '' 'id': 'OTU_344' ts: length: 391 has gaps: False has degenerates: False has definites: True
60 300 360 DNA	
60 300 360 DNA	length: 392 has gaps: False has degenerates: False has definites: True GC-content: 56.89% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCCGG TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA TTGCGATATA CAGTAAGCGG CCAAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACGCC GGCAACGGTG AAACTCAAAG GAATTGACGG GG,
Stat 0 60 	'description': '' 'id': 'OTU_346' ts: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.03% TACGGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG
DNA Meta	length: 394 has gaps: False has degenerates: False has definites: True GC-content: 51.27%
60 300 360 DNA	length: 395 has gaps: False
60 300 360 DNA	has degenerates: False has definites: True GC-content: 55.95% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT TTGTGCCCTT GAGGCGTGGC TTCCGGAGCT AACGCGTTAA GTCGACCGCC TGGGGAGTAC GGCCGCAAGG TTAAAACTCA AAGGAATTGA CGGGG, adata: 'description': '' 'id': 'OTU_349'
60 300	length: 394 has gaps: False has degenerates: False has definites: True GC-content: 57.87% TACGAAGGGG GCTAGCGTTG TTCGGCTTTA CTGGGCGTCC CGCGCCCGTC GGCGGCTCTT TCAGTCCGGG GTGCCCTGCC GGCGCTCCCC TTCGGCCCTG CCTTTGATCC TGGAGCTCTT TAGGCAGCTT GCTGCTTAGT GGCGCAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG,
Stat	'description': '' 'id': 'OTU_350' ts: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 55.08% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT
360 DNA	CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG CTCGCAAGGG TGAAACTCAA ATGAATTGAC GGGG, adata: 'description': '' 'id': 'OTU_351' ts: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 59.39%
300 360 DNA	TACAGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT CGGGAGAGGG GGCGGCCGGG GGCGTCGCGA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG CTCGCAAGGG TGAAACTCAA ATGAATTGAC GGGG, adata: 'description': '' 'id': 'OTU_352' ts: length: 396 has gaps: False
60 300 360 DNA	has degenerates: False has definites: True GC-content: 53.54% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGCGCACGCA GGCGGCGATC CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA TGGCGGATTC GACCCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA CGGCCGCAAG GCTAAAACTT AAAGGAATTG ACGGGG, adata: 'description': '' 'id': 'OTU_353'
60 300	length: 396 has gaps: False has degenerates: False has definites: True GC-content: 56.31% CACGTAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGGGCATGTA GGCGGCCTTG TAAGCTTGGC GTGAAAGTCC ACGGCTTAAC CGTGGGATTG CGTTGAGAAC TGCGAGGCTT TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA CGGCCGCAAG GCTAAAACTC AAATGAATTG ACGGGG,
Stat 0 60	length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.05% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA
360 DNA Meta	TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG GCCGCAAGGT TAAAACTCAA ATGAATTGAC GGGG, adata: 'description': '' 'id': 'OTU_355' ts: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.06%
60 300 360 DNA	TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT TAAGTCAGAG GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATCCGAAAC TGGCAGGCTA TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG GTCGCAAGAT TAAAACTTAA AGGAATTGAC GGGG, adata: 'description': '' 'id': 'OTU_356' ts: length: 392 has gaps: False
60 300 360 DNA	has degenerates: False has definites: True GC-content: 48.72% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCTTTT TAAGTCAGTG GTGAAATCCT GTCGCTCAAC GATAGAATTG CCATTGATAC TGAAAAGCTT ATGCGATACA CAGTATGCGG CCAAGCGAAA GCATTAAGTA ATCCACCTGG GGAGTACGCC GGCAACGGTG AAACTCAAAT GAATTGGCGG GG, adata: 'description': ''
60 300	'id': 'OTU_357'
Stat	ddata: 'description': '' 'id': 'OTU_358' ts: length: 391 has gaps: False has degenerates: False has definites: True GC-content: 51.15% TACGGAAGGT CCAGGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATTGT TAAGTCAGCG GTTAAAGGGT GTGGCTCAAC CATGCATTGC CGTTGAAACT GGCGATCTTG
300 360 DNA	TGCGATAGAG TGTAAGCCGC CAAGCGAAAG CATTAAGTAT ACCACCTGGG GAGTACGCCG GCAACGGTGA AACTCAAATG AATTGACGGG G, adata: 'description': '' 'id': 'OTU_359'
300 360 DNA	TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA TGGGGGGCAG GCACCGCAGT GGCGAAGCGA ACGCGAGAAG CACTCCGCCT GGGGAGTACG GCCGCAAGGG TAAAACTCAA ATGAATTGAC GGGG, adata: 'description': '' 'id': 'OTU_360' ts: length: 394 has gaps: False
60 300 360 DNA	has gaps: False has degenerates: False has definites: True GC-content: 52.03% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCG GGCGGATTCG CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG,
60 300	length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.31% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGCATG CCTTTGTGAC TGTGGTTCTT TGGATGACTT GTCATTCAGT GGCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG GCCGCAAGGT TAAAACTCAA AGGAATTGGC GGGG,
Stat	adata: 'description': '' 'id': 'OTU_362'
360 DNA	GGGATGACGG GGCAGGCAGG GGCGCAGCGA ACGCTTTAAG CATTCCGCCT GGGGAGTACG GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, adata: 'description': '' 'id': 'OTU_363' ts: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.54%
60 300 360 DNA	TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTT TAAGTCAGGG GTGAAATCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAAGTCTT TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG GCCGCAAGGT TAAAACTTAA ATGAATTGAC GGGG, adata: 'description': '' 'id': 'OTU_364'
300 360 DNA	has gaps: False has degenerates: False has definites: True GC-content: 52.54% TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG GTCGCAAGAT TAAAACTCAA AGGAATTGGC GGGG,
300	'description': '' 'id': 'OTU_365' ts: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 56.60% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTCTT TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAGGTCTT GAGGGGGTGG ACGCACGAGG GGCGCAGCGA ACGCTTTAAG CATTCCGCCT GGGGAGTACG GTCGCAAGAT TAAAACTCAA ATGAATTGGC GGGG,
DNA Meta Stat	adata: 'description': '' 'id': 'OTU_366' ts: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 54.04% CACGTAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGGGCATGTA GGCGGCCTTG
300 360 DNA	TAAGCTTGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA TGGCGGATTC GACCCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA CGGCCGCAAG GCTAAAACTT AAAGGAATTG ACGGGG, adata: 'description': '' 'id': 'OTU_367' ts: length: 394 has gaps: False has degenerates: False has definites: True
60 300 360 DNA	CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA GGGGGGGCAG GAACAGCAGT GGCGAAGCGA ACGCGATAAG CACTCCGCCT GGGGAGTACG GCCGCAAGGT TAAAACTCAA ATGAATTGGC GGGG, adata: 'description': '' 'id': 'OTU_368' ts:
60 300 360 DNA	length: 394 has gaps: False has degenerates: False has definites: True GC-content: 56.85% ACGGAGGGTG CAAGCGTTAA TCGGAATTAC TGGGCGTAAA GCGCACGCAG GCGGTCTGTC AAGTCGGATG TGAAATCCCC GGGCTCAACC TGGGAACTGC ATCCGAAACT GGCAGGCTAG TGTGCCCTTG AGGCGTGGCT TCCGGAGCTA ACGCGTTAAG TCGACCGCCT GGGGAGGAAG GAAGAAAGGG GAAAAAGGAA AGGAAGGGAA GGGG,
60 240	'description': '' 'id': 'OTU_369' ts: length: 359 has gaps: False has degenerates: False has definites: True GC-content: 59.33% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA GGGATCGAAC AGGATTAGAT ACCCTGGTAG TCCACGCCGT AAACGATGAG TGCTAGATGT TGGGGTGCAT GCACCTGGGG AGTACGCCGG CAACGGTGAA ACTCAAAGAA TTGACGGGG,
Stat	adata: 'description': '' 'id': 'OTU_370' ts: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.81% TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGATCTT TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGAGATCTT
300 360 DNA	TAGGCAGCTT GCTGCTTAGT GGCGCAGCTA ACGCGTTAAG CCATCCACCT GGGGAGTACG CCGGCAACGG TGAAACTCAA ATGAATTGAC GGGG, adata: 'description': '' 'id': 'OTU_371'
60 300 360 DNA	GC-content: 61.99% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA GGGCTGGAAA CGGTCAGGGG CGTAGCGAAA GCGTTAAGCC ATCCACCTGG GGAGTACGCC GGCAACGGTG AAACTCAAAT GAATTGACGG GG, adata: 'description': '' 'id': 'OTU_372' ts: length: 392
300 360 DNA	has gaps: False has degenerates: False has definites: True GC-content: 52.30% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGGACGTCTT TTGCGATATA CAGTAAGCGG CCAAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACGCC GGCAACGGTG AAACTCAAAG GAATTGACGG GG, adata: 'description': ''
300 360	'id': 'OTU_373'
Stat	adata: 'description': '' 'id': 'OTU_374' ts: length: 305 has gaps: False has degenerates: False has definites: True GC-content: 51.80% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG TCAGTCAGCG GTGAAATGCT TAGATATTAC ACAGAACACC GATTGCGAAG GCAGCTTACT
240 300 DNA	AAAGCATTAA GTGATCCACC TGGGGAGTAC GATCGCAAGG TTGAAACTCA AAGGAATTGA CGGGG, adata: 'description': '' 'id': 'OTU_375'
60 300 360 DNA	has definites: True GC-content: 52.03% TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG ATCGCAAGGT TGAAACTTAA ATGAATTGGC GGGG, adata: 'description': '' 'id': 'OTU_376' ts: length: 258
0 60 120 180 240 DNA	length: 258 has gaps: False has degenerates: False has definites: True GC-content: 55.43% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT GAGTATGGTA GAGGTCAGCG GAATTTCCGG TGTAGCGGTG GAATGCGTAG AGATCGGAAA GAACACCAGA GGCGAAGGCG GCTGACTGGA CCAATACTGA CGCTGAGGCT CGAAAGCGTC AGTATCGGGC CAGTGAGC,
Stat 0 60 	ddata: 'description': '' 'id': 'OTU_377' ts: length: 395 has gaps: False has degenerates: False has definites: True GC-content: 55.95% TACGGAGGGT GCAAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGTCTGT CAAGTCGGAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATCCGAAAC TGGCAGGCTA TTGTGCCCTT GAGGCGTGGC TTCCGGAGCT AACGCGTTAA GTCGACCGCC TGGGGAGTAC
360 DNA Meta Stat	GGCCGCAAGG TTAAAACTTA AATGAATTGA CGGGG, adata: 'description': '' 'id': 'OTU_378' ts: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 48.98% TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGATCTT
60 300 360 DNA	TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGAGATCTT TAGGCAGCTT GATGATTAGT GGCGCAGATA AAGATTTAAG CATAAAGAAT GGGGAGTAAG GTCGAAAGAT TAAAACTAAA ATGAATTGAC GGGG, adata: 'description': '' 'id': 'OTU_379'
60 300 360 DNA	has definites: True GC-content: 50.26% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGGACGTCTT GGGCGAGAGA CAGGAAGCGG CCAAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACGCC GGCAACGGTG AAACTCAAAT GAATTGACGG GG, adata: 'description': '' 'id': 'OTU_380' ts:
0 60 300 360 DNA	length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.30% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CCTTTGATAC TGGGTGTCTT TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG ATCGCAAGGT TGAAACTTAA AGGAATTGAC GGGG,
Stat 0 60 	ddata: 'description': '' 'id': 'OTU_381' ts: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 48.47% TACGGAGGGT GCAAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGTCTGT CAAGTCAGTG GTGAAATCCT GTCGCTCAAC GATAGAATTG CCATTGATAC TGAAAAGCTT ATGCGATACA CAGTATGCGG CCAAGCGAAA GCATTAAGTG ATCCACCTGG GGAGTACGAT
300 360 DNA Meta	CGCAAGGTTG AAACTTAAAT GAATTGACGG GG, adata: 'description': '' 'id': 'OTU_382'
60 300 360 DNA	TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG GTCGCAAGAT TAAAACTCAA ATGAATTGGC GGGG, adata: 'description': '' 'id': 'OTU_383' ts: length: 394 has gaps: False has degenerates: False
300 360 DNA	has definites: True GC-content: 51.52% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGCGCACGTA GGCGGACATT TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG GTCGCAAGGT TAAAACTCAA ATGAATTGGC GGGG, adata: 'description': '' 'id': 'OTU_384' ts:
0 60 300 360 DNA	length: 393 has gaps: False has degenerates: False has definites: True GC-content: 53.44% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGAGATCTT CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG CTCGCAAGGG TGAAACTCAA GGAATTGACG GGG,
Stat	adata: 'description': '' 'id': 'OTU_385'
360 DNA Meta Stat	CGGCCGCAAG GCTAAAACTT AAAGGAATTG ACGGGG, adata: 'description': '' 'id': 'OTU_386' ts: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 54.29%
60 300 360 DNA	TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA TGGCGGATTC GACCCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA CGGCCGCAAG GCTAAAACTT AAAGGAATTG ACGGGG, addata: 'description': '' 'id': 'OTU_387' ts: length: 394 has gaps: False
60 300 360 DNA Meta	has degenerates: False has definites: True GC-content: 53.81% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGCCATT TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGGCTT TGGAGGGCTT GTAATTCAGT GGCGAAGCTA ACGCGATAAG CATTCCGCCT GGGGAGTACG GTCGCAAGGT TAAAACTCAA ATGAATTGAC GGGG, adata: 'description': '' 'id': 'OTU_388'
60 300	'id': 'OTU_388'
DNA Meta Stat	adata: 'description': '' 'id': 'OTU_389' ts: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 44.92% TACTTATGTT TCTATCTTTT TCCTTAATTA CTTTTTTTAA ATTTTTCTCT TTCGTATTCG CACTTCTAAT GTTAAATACC TTGGCTTAAC CAATGATATT CCCTCGATAC GGTGAGTCTT
300 360 DNA Meta	TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG ATCGCAAGGT TGAAACTCAA ATGAATTGAC GGGG, adata: 'description': '' 'id': 'OTU_390' ts: length: 410 has gaps: False has degenerates: False has definites: True GC-content: 52.20%
0 60 300 360 DNA	TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGATCTT TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGAGATCTT TAGGCAGCTT GCTGCTTAGT GGGTTTACTC ACTAGTGGCG CAGCTAACGC TTTAAGCATT CCGCCTGGGG AGTACGGTCG CAAGATTAAA ACTCAAATGA ATTGACGGGG, adata: 'description': '' 'id': 'OTU_391' ts: length: 392
300 360 DNA	has gaps: False has degenerates: False has definites: True GC-content: 48.72% TACTTATTAC CCTATCTTTA TCCTTATTCA TTTTTTTT
Stat 0 60 	'description': '' 'id': 'OTU_392'
DNA Meta Stat	adata: 'description': '' 'id': 'OTU_393'
60 300 360 DNA	TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG GTCGCAAGGT TAAAACTCAA ATGAATTGGC GGGG, adata: 'description': '' 'id': 'OTU_394'

300 TGGGGCGGAT GCTTCAGTGC CGTAGCTAAC GTGATAAGTG CACCGCCTGG GGAGTATGCT 360 CGCAAGGGTG AAACTTAAAT GAATTGGCGG GG,

0 TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT

... 300 TGGGCATTAA GGGGTTAAGT GAAGAAGAAA ACTAGATAAG CATAAAAAAT GGGGAGTAAG 360 ATCGAAAGGT TGAAACTCAA AGGAATTGAC GGGG,

DNA

Metadata:

Stats:

DNA

Metadata:

Stats:

'description': '' 'id': 'OTU_395'

has gaps: False has degenerates: False has definites: True

GC-content: 49.49%

'description': '' 'id': 'OTU_396'

length: 394

length: 394

360 GTCGCAAGAT TAAAACTTAA ATGAATTGAC GGGG,

0 TACAGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT

300 AGGGGGTATC AACTCCCCCT GTGCCGGAGC TAACGCAATA AGTATTCCGC CTGGGGAGTA 360 CGGCCGCAAG GTTGAAACTT AAAGGAATTG ACGGGG,

Metadata:

Metadata:

Stats:

'description': '' 'id': 'OTU_340'

length: 396
has gaps: False
has degenerates: False
has definites: True

GC-content: 53.79%

'description': ''
'id': 'OTU_341'

Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 53.83% TACGGAGGGT GCAAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGCACGTA GGCTGTTGTG 60 TAAGTCAGGG GTGAAATCCC ACGGCTCAAC CGTGGAACTG CCTTTGATAC TGCTCGACTT 300 CGGGGAGTAT TCTTCGGTGT CGTAGTTAAC GCGTTAAGCA TCCCGCCTGG GGAGTACGGT 360 CGCAAGGCTG AAACTCAAAT GAATTGACGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_398' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 54.29% TACGTAGGTG GCAAGCGTTG TCCGGATTTA TTGGGCGTAA AGCGCGCGCA GGCGGTCCTT 60 TAAGTCTGAT GTGAAATCTT GCGGCTCAAC CGCAAGCGGT CATTGGAAAC TGGGGGACTT 300 TGGAGGGTTT CCGCCCTTCA GTGCTGCAGC TAACGCATTA AGCACTCCGC CTGGGGAGTA 360 CGGTCGCAAG ACTGAAACTT AAAGGAATTG ACGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_399' Stats: length: 397 has gaps: False has degenerates: False has definites: True GC-content: 55.92% TACGTAGGGT GCAAGCGTTG TCCGGATTTA CTGGGCGTAA AGAGCTCGTA GGTGGTGTGT 60 CGCGTCGTCT GTGAAATTCC GGGGCTTAAC TCCGGGCGTG CAGGCGATAC GGGCACGACT 300 TGGGCTGTGT GTTTGCAGTC TGTGCCGTAG CTAACGCATT AAGCGCCCCG CCTGGGGAGT 360 ACGGCCGCAA GGCTAAAACT TAAATGAATT GACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_400' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.54% O TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGACCTT 60 TAAGTCAGGG GTGAAATCCC GGGGCTCAAC TTTGGAACTG CCTTTGATAC TGGGTGTCTT 300 TAGGCAGCTT GCTGTTTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_401' length: 396 has gaps: False has degenerates: False has definites: True GC-content: 54.29% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TTGCCGATTC CGCCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA 360 CGGCCGCAAG GCTAAAACTC AAATGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_402' Stats: length: 393 has gaps: False has degenerates: False has definites: True GC-content: 52.67% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 GGGAGAGGTT TCTTCCGGTG TCGTCGCTAA CGCAGTAAGT GTTCCGCCTG GGGAGTACGC 360 TCGCAAGGGT GAAACTTAAA TGAATTGGCG GGG, DNA Metadata: 'description': '' 'id': 'OTU_403' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.82% ______ TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTCTT 60 TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC CCCAGAACTG CCTTCGATAC TGGCGGTCTC 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_404' Stats: length: 372 has gaps: False has degenerates: False has definites: True GC-content: 51.08% TACGGAAGGT CCAGGCGTTA TCCGGATTTA TTGGGTTTAA AGGGTGCGTA GGCCGTTTGA 60 TAAGCGTGCT GTGAAATATA GTGGCTCAAC CTCTATCGTG CAGCGCGAAC TGTTGAACTT 300 TGGCCTTTGT GGTCAGTGGC TTAGCGAAAG CGTTAAGCAT CCCACCTGGG GAGTACGCCG 360 GCAACGGTGA AA, DNA _____ Metadata: 'description': '' 'id': 'OTU_405' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 55.05% ______ TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA 360 CGGCCGCAAG GCTAAAACTT AAATGAATTG GCGGGG, Metadata: 'description': '' 'id': 'OTU_406' Stats: length: 371 has gaps: False has degenerates: False has definites: True GC-content: 46.36% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGGACGTCTT 300 TTGCGATATA CAGTAAGTGT TCCGCCTGGG GAGTACGCTC GCAAGGGTGA AACTCAAATG 360 AATTGACGGG G, DNA ______ Metadata: 'description': '' 'id': 'OTU_407' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 52.27% TACGTAGGTG GCAAGCGTTG TCCGGATTTA TTGGGCGTAA AGCGAGCGCA GGCGGAAGAA 60 TAAGTCTGAT GTGAAAGCCC TCGGCTTAAC CGAGGAACTG CATCGGAAAC TGTTTTTCTT 300 TGGGAGGTTT CCGCCTCTCA GTGCTGCAGC TAACGCATTA AGCACTCCGC CTGGGGAGTA 360 CGACCGCAAG GTTGAAACTC AAATGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_408' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 48.47% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT 60 TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGGACGTCTT 300 TTGCGATATA CAGTAAGCGG CCAAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTTAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_409' Stats: length: 401 has gaps: False has degenerates: False has definites: True GC-content: 54.61% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA 360 CGGCCGCAAG GGCACAACCT CCAAGTCGAC ATCGTTTACG G, DNA Metadata: 'description': '' 'id': 'OTU_410' Stats: length: 398 has gaps: False has degenerates: False has definites: True GC-content: 55.28% CACGTAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGGGCATGTA GGCGGCCTTG 60 TAAGCTTGGC GTGAAAGTCC ACGGCTTAAC CGTGGGATTG CGTTGAGAAC TGCGAGGCTT 300 TGGGGCGGAT TCGACCCCCC CAGGGCCCAA GCTAACGCGT TAAGTGAGCC GCCTGAGGAC 360 TACGGCCGCA AGGCTAAAAC TCAAATGAAT TGACGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_411' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.79% 0 TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_412' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.06% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 TAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA 300 TGGGGGGCAT GCAACTCAGT GGCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_413' Stats: length: 393 has gaps: False has degenerates: False has definites: True GC-content: 52.67% ACGTAGGGTG CGAGCGTTAA TCGGAATTAC TGGGCGTAAA GCGTGCGCAG GCGGTTATGT 60 AAGACAGATG TGAAATCCCC GGGCTCAACC TGGGAACTGC ATTTGTGACT GCATGGCTAG 300 GGGAATTAGT TTTCTCAGTA ACGAAGCTAA CGCGTGAAGT TGACCGCCTG GGGAGTACGG 360 CCGCAAGGTT GAAACTTAAA GGAATTGACG GGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_414' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 51.52% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT 60 TAAGTCAGGG GTGAAATCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAAGTCTT 300 TAGGCAGCTT GCTGCTTAGT GGCGCAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_415 Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 52.55% TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGATCTT 60 TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGAGATCTT 300 TGGGCCTTAC TCACTAGTGG CGCAGCTAAC GCTTTAAGCA TCCCGCCTGG GGAGTACGGT 360 CGCAAGATTA AAACTCAAAG GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_416' length: 394 has gaps: False has degenerates: False has definites: True GC-content: 56.60% O TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGGGAGTCTT 300 GGGGCCTTAC GGGGGTCAGT GCCGAAGAAA ACGCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_417' length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.05% TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGATCTT 60 TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TCCGGAACTG CCTTTGATAC TGGAGGTCTT 300 TGGACGGCTT GCTGTTCAGT GGCGCAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_418' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.55% O TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGGTCTT 60 TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCGGAACTG CCTTTGATAC TGGAGGTCTT 300 TAGGCAGCTT GCTCCTTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_419' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 47.72% ______ 0 TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTT 60 TAAGTCAGGG GTGAAATCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAAGTCTT 300 TAGTGGGTTT AATCAATAGT GGAGCAGATA AAGATTTAAG CATTAAGAAT GGGGAGTAAG 360 GTCGAAAGAT TAAAACTAAA ATGAATTGAC GGGG, Metadata: 'description': '' 'id': 'OTU_420' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 50.25% TACGGAAGGT CCAGGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCCGTGGAT 60 TAAGCGTGTT GTGAAATGTA GACGCTCAAC GTCTGAATTG CAGCGCGAAC TGGTTCACTT 300 TAGTTCACCT AAGAATTAGC GACCAAGCGA AAGCATTAAG CATCCCACCT GGGGAGTACG 360 CCGGCAACGG TGAAACTCAA ATGAATTGAC GGGG, ______ Metadata: 'description': '' 'id': 'OTU_421' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.57% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGGCATT TAAGTCAGAG GTGAAAGCCC AGGGCTCAAC CCGGGAACTG CCTTTGATAC TGGGTGTCTT 300 TGGAGGGCTT GCTCCTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, ______ Metadata: 'description': '' 'id': 'OTU_422' Stats: length: 393 has gaps: False has degenerates: False has definites: True GC-content: 54.20% O ACGTAGGGGG CAAGCGTTGT TCGGAATTAC TGGGCGTAAA GGGCATGTAG GCGGCCTTGT 60 AAGCTTGGCG TGAAAGTCCA CGGCTTAACC GTGGGATTGC GTTGAGAACT GCGAGGCTTG 300 GGGAGAGGTT TCTTCCGGTG TCGTCGCTAA CGCAGTAAGT GTTCCGCCTG GGGAGTACGC 360 TCGCAAGGGT GAAACTTAAA GGAATTGACG GGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_423' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 54.59% TACGGAGGAT GCAAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGTA GGCGGCTTTT 60 TAAGTCAGTG GTGAAATCCT GTCGCTCAAC GATAGAATTG CCATTGATAC TGCCGGGCTA 300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGCC ATCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTTAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_424' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.28% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGCGTACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCT AGGGCTCAAC TCCGGAACTG CCTTTGATAC TGGGAGTCTT 300 TAGTGGGCTT ATCATCCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_425' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 53.79% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTT 60 TAAGTCAGGG GTGAAATCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAAGTCTT 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCTTTA AGCATTCCGC CTGGGGAGTA 360 CGGTCGCAAG ATTAAAACTC AAAGGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_426' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.28% O TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACCTT 60 TAAGTCAGGG GTGAAATCCC GGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGATGTCTT 300 TAGATAGCTT GCTACTTAGT GGCGCAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_427' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.81% 0 TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_428' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 42.09% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT 60 TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGGACGTCTT 300 TTGAGATATA CAGTAAGAGG AAAAGAGAAA GAGTTAAGTA TTAAAAATGG GGAGTACGAA 360 GGAAAAGGTG AAACTTAAAG GAATTGACGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_429' Stats: length: 365 has gaps: False has degenerates: False has definites: True GC-content: 52.88% TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGATCTT 60 TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGAGATCTT 300 TAGGCAGCTT GCTGCTTAGT GGCGCAGCTA ACGCTTTAAG CATCCATCGT TTACGGCGTG 360 GACTA, DNA Metadata: 'description': '' 'id': 'OTU_430' Stats: length: 363 has gaps: False has degenerates: False has definites: True GC-content: 52.07% TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGATCTT 60 TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGAGATCTT 300 TAGGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG GTCGCAAGAT TAAAACTCAA 360 ATG, DNA Metadata: 'description': '' 'id': 'OTU_431' Stats: length: 391 has gaps: False has degenerates: False has definites: True GC-content: 53.71% 0 ATACAGAGAC TGCAAGCGTT ATTCGGATTC ACTGGGCGTA AAGGGTGCGC AGGCGGCCAT 60 GTGTGTTAGG CGTGAAAGCC CGAGGCTCAA CCTCGGAATT GCACCTAAAA CTACATGGCT 300 GCGGATCGAC CCCCCAGGGC CCAAGCTAAC GCGTTAAGTG AGCCGCCTGA GGACTACGGC 360 CGCAAGGCTA AAACTCAAAG AATTGACGGG G, DNA Metadata: 'description': '' 'id': 'OTU_432' length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.03% O TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CTTTTGATAC TGGGTTGCTA 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_433' length: 396 has gaps: False has degenerates: False has definites: True GC-content: 51.77% TACGTAGGTG GCAAGCGTTG TCCGGATTTA TTGGGCGTAA AGGGAGCGCA GGTGGTTTCT 60 TAAGTCTGAT GTGAAAGCCC ACGGCTTAAC CGTGGAGGGT CATTGGAAAC TGGGGAACTT 300 TGGAGGGTTT CCACCCTTCA GTGCTGGCGT TAACGCAATA AGCACTCCGC CTGGGGAGTA 360 CGACCGCAAG GTTGAAACTT AAAGGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_434' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.06% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCCGGAACTG CCTTTGATAC TGGAGATCTT 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_435' Stats: length: 418 has gaps: False has degenerates: False has definites: True GC-content: 55.26% TACAAAGACG GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGCGTGCGC 360 TTTACGCCCA GTAATTCCGA ACAACGCTTG CCCCCTTCGT ATTACCGCGG CGGCTGGC, DNA Metadata: 'description': '' 'id': 'OTU_436' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 53.32% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGCC ATCCACCTGG GGAGTACGGT 360 CGCAAGATTA AAACTCAAAG GAATTGACGG GG, DNA -----Metadata: 'description': '' 'id': 'OTU_437' Stats: length: 389 has gaps: False has degenerates: False has definites: True GC-content: 52.70% TACGAAGGGG GCTAGCGTGG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTT TAAGTCAGGG GTGAAATCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAAGTCTT 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAACTCAAT GAATGCGGG, ______ Metadata: 'description': '' 'id': 'OTU_438' Stats: length: 395 has gaps: False has degenerates: False has definites: True GC-content: 52.41% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGCGAGCGCA GGCGGTTTGA TAAGTCTGAA GTTAAAGGCT GTGGCTCAAC CATAGTTCGC TTTGGAAACT GTCAAACTTG 300 GGATCCTTTC CGGGATTCAG TGCCGCAGCT AACGCATTAA GCACTCCGCC TGGGGAGTAC 360 GACCGCAAGG TTGAAACTCA AAGGAATTGG CGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_439' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 62.76% TACGGAGGAC CCGAGCGTTA TCCGGCTTCA TTGGGTTTCA CGGGTGCGCC GGCGGCCCGG 60 TCAGTCCGCG GTGCCCTGCC CGCGCTTCCC GCGGGCGCTG CCGTTGCTAC TGCCGGGCTA 300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGCC ATCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTCAAAG GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_440' Stats: length: 396 has gaps: False has degenerates: False has definites: True 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GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA AGGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_443' Stats: length: 391 has gaps: False has degenerates: False has definites: True GC-content: 53.45% ACGAAGGGGG CTAGCGTTGT TCGGAATTAC TGGGCGTAAA GCGCACGTAG GCGGACCTTT 60 AAGTCAGGGG TGAAAGTCCA CGGCTTAACC GTGGGATTGC GTTGAGAACT GCGAGGCTTG 300 GGGGCGGATG CTTCAGTGCC GTAGCTAACG TGATAAGTGC ACCGCCTGGG GAGTATGCTC 360 GCAAGAGTAA AACTTAAATG AATTGGCGGG G, DNA Metadata: 'description': '' 'id': 'OTU_444' Stats: length: 383 has gaps: False has degenerates: False has definites: True GC-content: 54.31% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA 300 TGGGGCATGG CTCAGTGTCG AGTAAGCGAT AAGCACTCCG CCTGGGGAGT ACGGCCGCAA 360 GGTTAAAACT CAATGAATTG ACG, DNA Metadata: 'description': '' 'id': 'OTU_445' Stats: length: 384 has gaps: False has degenerates: False has definites: True GC-content: 53.65% TACGAAGGGG GGCAAGCGTT GTTCGGAATC ACTGGGCGTA AAGGGAGCGT AGGCGGAACT 60 ACAAGACAGG GGTTAAAGAT CCGGGCTCAA CCTGGAGCAT GCCTTTGTGA CTGTGGTTCT 300 TTGGGGTGCA TGCACCTCAG TGTCGAAGCT AACGCGATAA GCACTCCGCC TGGGGAGTAC 360 GGCCGCAAGG TTAAAACTCA AATG, DNA Metadata: 'description': '' 'id': 'OTU_446' Stats: length: 379 has gaps: False has degenerates: False has definites: True GC-content: 45.65% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT 60 TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGGACGTCTT 300 TTGCGATATA CAGTAAGCGG CCAAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACCCC 360 GTCAATTCTT TAGTTTCAC, DNA Metadata: 'description': '' 'id': 'OTU_447' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 54.08% TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 TGGGGCGGAT GCTTCAGTGC CGTAGCTAAC GTGATAAGTG CACCGCCTGG GGAGTATGCT 360 CGCAAGGGTG AAACTCAAAG GAATTGACGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_448' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.31% O TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_449' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.79% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAACTG CCTTTGATAC TGGAGATCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_450' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.06% TACGAAGGGG GCAAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 TAGGCAGCTT GCTGCTTAGT GGCGCAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGGC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_451' Stats: length: 394 has gaps: False has degenerates: False has definites: True

GC-content: 54.57%

'description': ''
'id': 'OTU_452'

has degenerates: False has definites: True GC-content: 53.28%

length: 396 has gaps: False

DNA

Stats:

360 GCCGCAAGGC TAAAACTTAA ATGAATTGAC GGGG,

O TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA
CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGCATG CCTTTGTGAC TGTGGTTCTT

300 TAGGCAGCTT GCTGCTTAGT GGCGCAGCTA ACGCGTTAAG CAACCCGCCT GAGGACTACG

O TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGCGTAA AGGGAGCGTA GGCGGAACTA
60 CAAGACAGGG GTTAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA

has gaps: False

'description': ''
'id': 'OTU_397'

DNA

Metadata:

has degenerates: False has definites: True GC-content: 54.06%

360 GCCGCAAGGT TAAAACTTAA ATGAATTGAC GGGG,

O TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA

300 TGGGCCTTAC GGGGTTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG

Stats: length: 391 has gaps: False has degenerates: False has definites: True GC-content: 48.08% TACGTATGGA GCGAGCGTTG TCCGGAATTA TTGGGCGTAA AGGGTACGCA GGCGGTTTAA 60 TAAGTCGAAT GTTAAAGATC GGGGCTCAAC CCCGTAAAGC ATTGGAAACT GATAAACTTG 300 GGGGGTCAAA CCTCGGTGCC GAAGTTAACA CATTAAGCAT TCCGCCTGGG GAGTACGCAC 360 GCAAGTGTGA AACTTAAATG AATTGACGGG G, DNA Metadata: 'description': '' 'id': 'OTU_455' Stats: length: 395 has gaps: False has degenerates: False has definites: True GC-content: 50.38% TACGGAGGGT GCAAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGTCTGT 60 CAAGTCGGAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATCCGAAAC TGGCAGGCTA 300 TTGTGCAATT GAGGCGTGGA TTAAGGAGAT AAAGAGTTAA GTAGAAAGAA TGGGGAGTAA 360 GGACGAAAGG TTAAAACTAA AATGAATTGA CGGGG, DNA Metadata: 'description': '' 'id': 'OTU_456' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 58.88% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 GGGAGGACGG GGCAGGCAGT GGCGCAGCGA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_457' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 58.67% TACGGAGGAT CCAAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGCC ATCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTCAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_458' Stats: length: 413 has gaps: False has degenerates: False has definites: True GC-content: 59.32% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 TAGGCAGCTT GCTGCTTAGT GGCGCAGCTA ACGGTCAGGG GCTTAGCGAA AGCGTTAAGC 360 CATCCACCTG GGGAGTACGC CGGCAACGGT GAAACTCAAA GGAATTGACG GGG, DNA Metadata: 'description': '' 'id': 'OTU_459' Stats: length: 395 has gaps: False has degenerates: False has definites: True GC-content: 50.38% TACGGATGTT TCAATCTTTA ATCTTAATTA CTTTTCTTAA AGCTCACTCA TTCGTTCTGT 60 CAATTCTTAT GTTAAATCCC CTGGCTCAAC CTGTGAACTT CATCCGAAAC TGGCAGGCTA 300 TTGTGCCCTT GAGGCGTGGC TTCCGGAGCT AACGCGTTAA GTCGACCGCC TGGGGAGTAC 360 GGCCGCAAGG TTAAAACTTA AATGAATTGA CGGGG, DNA Metadata: 'description': '' 'id': 'OTU_460' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 51.79% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGCC ATCCACCTGG GGAGTACGGT 360 CGCAAGATTA AAACTTAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_461' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 50.00% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGTGCGTA GGCGGACCCT 60 TAAGTCAGTG GTGAAAGTTT GCGGCTCAAC CGTAAAATTG CCATTGAAAC TGAGGGTCTT 300 AGGCGAGAGA CGGGAGGCGG GACAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACGTT 360 CGCAAGAATG AAACTCAAAG GAATTGACGG GG, Metadata: 'description': '' 'id': 'OTU_462' Stats: length: 297 has gaps: False has degenerates: False has definites: True GC-content: 53.54% TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 120 GAATGTGAGA GAGGATGGTA GAATTCCTGG TGTAGCGGTG AAATGCGTAG ATATCAGGAG 180 GAATACCGGT GGCGAAGGCG GCCATCTGGC TCATTATTGA CGCTTAGGCA CGAAAGCGTT 240 AAGCAATCCA CCTGGGGAGT ACGCCGGCAA CGGTGAAACT CAAAGGAATT GACGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_463' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.28% 0 TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGATCTT 60 TAAGTCAGGG GTGAAATCCC AGAGCTCAAC TCCGGAACTG CCTTTGATAC TGGAGGTCTT 300 TAGATGGCTT GCTATTTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_464' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.57% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 TAGGCAGCTT GCTGCTTAGT GGCGCAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGGC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_465' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 48.22% TACGGAGGAT GCAAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGTA GGCGGCTTTT 60 TAAGTCAGTG GTGAAATCCT GTCGCTCAAC GATAGAATTG CCATTGATAC TGAAAAGCTT 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_466' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 50.25% 0 TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGTGCGTA GGCGGACCCT 60 TAAGTCAGTG GTGAAAGTTT GCGGCTCAAC CGTAAAATTG CCATTGAAAC TGAGGGTCTT 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTCAA ATGAATTGAC GGGG, Metadata: 'description': '' 'id': 'OTU_467' Stats: length: 427 has gaps: False has degenerates: False has definites: True GC-content: 54.57% ______ TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA 360 AGGTTAGCTA ATCCTGTTTG CTTTCCACGC TTTCGCACCT CAGTGTCAGT TACGAGCCAG 420 TGGGCCG, DNA Metadata: 'description': '' 'id': 'OTU_468' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.28% ______ 0 TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 TGGATGACTT GTCATTCAGT GGCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTCAA AGGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_469' Stats: length: 397 has gaps: False has degenerates: False has definites: True GC-content: 57.43% TACGTAGGGT GCGAGCGTTA TCCGGAATTA TTGGGCGTAA AGAGCTCGTA GGCGGTTTGT 0 60 CGCGTCTGTC GTGAAAGTCC GGGGCTTAAC CCCGGATCTG CGGTGGGTAC GGGCAGACTA 300 GGGGACCATT CCACGGTTTC CGCGCCGCAG CTAACGCATT AAGTGCCCCG CCTGGGGAGT 360 ACGGCCGCAA GGCTAAAACT CAAAGGAATT GACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_470' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 53.28% TACGGAGGAC CCAAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGAGCGCA GGCGGCCATG TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGCATTCCGC CTGGGGAGTA 360 CGGTCGCAAG ATTAAAACTC AAAGGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_471' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.28% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTCTT 60 TAAGTCAGAG GTGAAAGCCT TGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAGGTCTT 300 TAGTGGGTTT ACTCACTAGT GGCGAAGCTA ACGCGTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA ATGAATTGGC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_472' Stats: length: 395 has gaps: False has degenerates: False has definites: True GC-content: 63.54% O TACGGAGGGT GCAAGCGTTA CTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGTCTGT 60 CAAGTCGGAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATCCGAAAC TGGCAGGCTA 300 GTGGGCCCGG GAGGCGGGGC TGCCGGAGCG AACGCGGGAA GTCGACCGCC TGGGGAGTAC 360 GGCCGCAAGG GTAAAACTCA AATGAATTGG CGGGG, Metadata: 'description': '' 'id': 'OTU_473' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.81% TACGTAGGGT GCAAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGTGCGCA GGCGGTTATG 60 TAAGACAGAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATTTGTGAC TGCATAGCTT 300 TGGGAGGGTT TCTTCTCAGT AACGTAGCTA ACGCGTGAAG TTGACCGCCT GGGGAGTACG 360 GCCGCAAGGT TGAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_474' Stats: length: 391 has gaps: False has degenerates: False has definites: True GC-content: 46.80% TACGGAGGAT GCAAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGTA GGCGGCTTTT 60 AAGTCAGTGG TGAAATCCTG TCGCTCAACG ATAGAATTGC CATTGATACT GAAAAGCTTG 300 TGCGATATAC AGTAAGCGGC CAAGCGAAAG CGTTAAGTAT TCCACCTGGG GAGTACGGTC 360 GCAAGATTAA AACTTAAAGG AATTGACGGG G, DNA Metadata: 'description': '' 'id': 'OTU_475' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 53.03% TACGTAGGTG GCAAGCGTTG TCCGGATTTA TTGGGCGTAA AGCGAGCGCA GGCGGTCAAT 60 TAAGTCTGAT GTGAAAGCCC CCGGCTCAAC CGGGGAGGGT CATTGGAAAC TGGTTGACTT 300 TGGAGGGTTT CCGCCCTTCA GTGCTGCAGT TAACGCATTA AGCACTCCGC CTGGGGAGTA 360 CGACCGCAAG GTTGAAACTC AAAGGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_476' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.06% O TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGTACGTA GGCGGACCGT 60 TAAGTCGGAG GTGAAATCCT GGGGCTCAAC CCCAGAACTG CCTTCGATAC TGGCGGTCTC 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTCAA ATGAATTGAC GGGG, ______ Metadata: 'description': '' 'id': 'OTU_477' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 50.51% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCGGATTC GACACCCACA GGGACAAAGA TAACGCGTTA AGTGAGCAGC ATGAGGAATA 360 AGGACGAAAG GCTAAAACTC AAATGAATTG ACGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_478' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 46.45% TACTAATGGT TCTATCTTTT TTCTTAATTA CTTTTCTTAA ATCTCACTTA TTCGGACATT 60 TAAGTCATGG TTGAAATCCC ATGGCTCAAC CCTGTAACTT CCTTTGATAC TGGGTGTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_479' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 51.02% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 AGGGAGAGGT TTCTTAAGGT GTCGTCGATA ACGCAGTAAG TGTTAAGAAT GGGGAGTAAG 360 ATCGAAAGGG TGAAACTTAA ATGAATTGGC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_480' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 41.33% O TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGTGCGTA GGCGGACCCT 60 TAAGTCAGTG GTGAAAGTTT GCGGCTCAAC CGTAAAATTG CCATTGAAAC TGAGGGTCTT 300 ATGAGATATA ATGTATGAGG TAAAGAGAAA GAGTTAAGTA TTAAAAATGG GGAGTAAGTT 360 AGAAAGAATG AAACTTAAAT GAATTGGCGG GG, DNA Metadata: 'description': '' 'id': 'OTU_481' length: 394 has gaps: False has degenerates: False has definites: True GC-content: 43.15% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 TGGATGAATT GTAATTAAGT GGAGAAGATA AAGATTTAAG AATTAAGAAT GGGGAGTAAG 360 GTAGAAAGAT TAAAAATAAA ATGAATTGAA GGGG, DNA Metadata: 'description': '' 'id': 'OTU_482' Stats: length: 397 has gaps: False has degenerates: False has definites: True GC-content: 55.42% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGCATG CCTTTGTGAC TGTGGTTCTT 300 GGGATCCATT CCACGGATTC CGTGCCGAAG CTAACGCATT AAGTGCCCCG CCTGGGGAGT 360 ACGGCCGCAA GGCTAAAACT CAAATGAATT GACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_483' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 47.96% ______ 0 TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT 60 TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGGACGTCTT 300 TTGCGATATA CAGTAAGCGG CCAAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTCAAAG GAATTGGCGG GG, DNA Metadata: 'description': '' 'id': 'OTU_484' Stats: length: 393 has gaps: False has degenerates: False has definites: True GC-content: 54.45% TACGAAGGGG GCTAGCGTTA TTCGGAATCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA 360 CGGCCGCAAG GCTAAACTTA AAGAATTGCG GGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_485' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 44.92% TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGATCTT TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGAGATCTT 300 TAGGAAGATT GATGATTAGT GGAGAAGATA AAGATTTAAG AATAAAGAAT GGGGAGTAAG 360 GTAGAAAGAT TAAAAATTAA ATGAATTGGC GGGG, Metadata: 'description': '' 'id': 'OTU_486' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 42.60% TACTGATGAT CCAATCTTTA TCCGTATTTA TTTTTTTTAA ATTTAGCGTA TTCGGATTTT TAAGTCAGTT TTGAAAGTTT AAGGCTCAAC CTTGAAATTT CATTTGATAC TGGACGTCTT 300 TTGCGATATA CAGTAAGCGG CCAAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTCAAAG GAATTGACGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_487' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 56.85% TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGATCTT 60 TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGAGATCTT 300 GAGGCAGCGG GAGGAGGAGG GGCGCAGAGA ACGCTTGAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATGGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_488' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 58.12% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 CCGGCAACGG TGAAACTTAA ATGAATTGGC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_489' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 46.70% TACGAATGTT TCTATCTTT TTCTTATTTA CTTTTCTTAA AGCTCACTTA TTCGTATCTT 60 TAATTCAGGT GTTAAATGCC GTAGCTCAAC TTCTGAACTT CCTTTGATAC TGGAGATCTT 300 TAGGCAGCTT GCTGCTTAGT GGCGCAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_490' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.55% O ACGAAGGGGG CTAGCGTTGT TCGGATTTAC TGGGCGTAAA GCGCACGTAG GCGGATCTTT 60 AAGTCAGGGG TGAAATGCCG GAGCTCAACT TCGGAACTGC CTTTGATACT GGAGATCTTG 300 TGTGCCCTTG AGGCGTGGCT TCCGGAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_491' Stats: length: 388 has gaps: False has degenerates: False has definites: True GC-content: 51.03% 0 TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGAT TAAAACTCAA AGGAATTG, DNA Metadata: 'description': '' 'id': 'OTU_492' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.54% TACGTAGGGG GCGAGCGTTG TCCGGAATTA CTGGGCGTAA AGGGTGCGTA GGTGGCCTTT 60 TAAGTTGGAT GTGAAATACC CGGGCTTAAC CTGGGGGGGTG CATCTAATAC TGGAGGGCTA 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTTAA AGGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_493' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.31% TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGTACGTA GGCGGACCGT 60 TAAGTCGGAG GTGAAATCCT GGGGCTCAAC CCCAGAACTG CCTTCGATAC TGGCGGTCTC 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGGC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_494' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.81% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAAGTCTT 300 CGGGCAGCAT GCTGTTCGGT GGCGCAGCTA ACGCTTTGAG CTTCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_495 Stats: length: 393 has gaps: False has degenerates: False has definites: True GC-content: 54.20% O GGAGGATCCA AGCATTATCC GGATTCACTG GGCGGAAAGG GTGCGCAGGC GGCCATGTGT 60 GTTAGGCGTG AAAGCCCGAG GCTCAACCTC GGAATTGCAC CTAAAACTAC ATGGCTAGAG 300 CGGATTCGAC CCCCCCAGGG CCCAAGCTAA CGCGTTAAGT GAGCCGCCTG GGGAGTACGG 360 TCGCAAGATT AAAACTTAAA GGAATTGGCG GGG, DNA Metadata: 'description': '' 'id': 'OTU_496' length: 396 has gaps: False has degenerates: False has definites: True GC-content: 52.78% O TACGAAGGGG GCAAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 AGGGGGTATC AACTCCCCCT GTGCCGGAGC TAACGCAATA AGTATTCCGC 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TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGCGCGTA GGCGGACTCT 60 TAAGTCGGGG GTGAAAGCCC AGGGCTCAAC CCTGGAATTG CCTTCGATAC TGAGAGTCTT 300 TGGGGTGCAT GCACCTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGGC GGGG, Metadata: 'description': '' 'id': 'OTU_500' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 57.65% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGCC ATCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTTAAAT GAATTGACGG GG, ______ Metadata: 'description': '' 'id': 'OTU_501' Stats: length: 395 has gaps: False has degenerates: False has definites: True GC-content: 59.24% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCCGG TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 TTGTGCCCTT GAGGCGTGGC TTCCGGAGCT AACGCGTTAA GTCGACCGCC TGGGGAGTAC 360 GGCCGCAAGG TTAAAACTCA AAGGAATTGA CGGGG, ______ Metadata: 'description': '' 'id': 'OTU_502' Stats: length: 210 has gaps: False has degenerates: False has definites: True GC-content: 52.86% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA 120 GAATCACGGA GAGGGTAGGG GAATTCCGAG TGTAGAGGTG AAATTCGTAG ATATTCGGAA 180 TTCCCCTACC CTCTCCGTGA TTCTAGCAAC, DNA _____ Metadata: 'description': '' 'id': 'OTU_503' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 44.16% TACTAATTGT TCTATCTTTT CTCTTAATCA CTTTTCTTAA ATTTTTCTTA TTCTTTTTT 60 TAATTCATGG TTTAAATCCT GTAGCTCAAC TCCAGAACTT CCTTTTATAC TTAAAGTCTT 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_504' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.79% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CCTTTGATAC TGGGTGTCTT 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTTAA ATGAATTGGC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_505' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 51.01% O TACGTAGGGT GCGAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGTGCGCA GGTGGTTGTG 60 TAAGTCAGAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATTTGAGAC TGCACGGCTA 300 TGGAAGGGTT AAACCTTTTA GTGCCGAAGA AAACTCGATA AGCATACCAC CTGGGGAGTA 360 CGATCGCAAG GTTGAAACTT AAATGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_506' Stats: length: 421 has gaps: False has degenerates: False has definites: True GC-content: 58.19% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGCCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA

360 CAGTAAGTGT TCCGCCTGGG GAGTACGCTC GCAAGGGTGA AACTTAAATG AATTGGCGGG

TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT

TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAG GCGGATGTTT AAGTCAGTTG 60 TGAAAGTTTA AGGCTCAACC TTGAAATTGC AGTTGATACT GGACGTCTTG AGTGCATTAA

300 AGTAAGCGGC CAAGCGAAAG CGTTAAGTAT TCCACCTGGG GAGTACGCCG GCAACGGTGA

300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG

420 G, DNA

Stats:

DNA

Metadata:

Stats:

DNA

Metadata:

Stats:

Metadata:

'description': '' 'id': 'OTU_507'

'description': '' 'id': 'OTU_508'

has degenerates: False has definites: True GC-content: 47.51%

360 AACTTAAAGG AATTGACGGG G,

'description': '' 'id': 'OTU_509'

length: 396

length: 381 has gaps: False

has degenerates: False has definites: True GC-content: 53.30%

360 ATCGCAAGGT TGAAACTTAA ATGAATTGAC GGGG,

length: 394 has gaps: False

300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA

______ TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG

300 TTGGCGGATC CGACCCCCC AGGGCCCAAG CTAACGCGTT AAGTGAGCCG CCTGAGGACT

TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA

360 CGGCCGCAAG GCTAAAACTC AAAGGAATTG ACGGGG,

360 ACGGCCGCAA GGCTAAAACT CAAAGGAATT GACGGGG,

Metadata:

Stats:

0

60

Metadata:

'description': '' 'id': 'OTU_453'

has degenerates: False has definites: True GC-content: 54.66%

length: 397 has gaps: False

'description': 'id': 'OTU_454'

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CTGAGGACTA 360 CGGCCGCAAG GCTAAAACTT AAATGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_513' Stats: length: 460 has gaps: False has degenerates: False has definites: True GC-content: 57.61% O TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGTACGTA GGCGGACCGT 60 TAAGTCGGAG GTGAAATCCT GGGGCTCAAC CCCAGAACTG CCTTCGATAC TGGCGGTCTC 360 GGCCGTCGGG CAGCATGCTG TTCGGTGGCG CAGCTAACGC TTTGAGCTTC CCGCCTGGGG 420 AGTACGGTCG CAAGATTAAA ACTCAAAGGA ATTGACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_514' length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.55% TACGGAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGATCAG 60 AAAGTCAGAG GTGAAATCCC AGGGCTCAAC CTTGGAACTG CCTTTGAAAC TCCTGGTCTT 300 CGGCAGGCAT GCCTGTCGGT GACACACCTA ACGGATTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_515' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 51.78% TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC GGAGCTCAAC TCCGGAACTG CCTTTGATAC TGGAGATCTT 300 TAGGTAGCTT GTTACTTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGGC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_516' Stats: length: 196 has gaps: False has degenerates: False has definites: True GC-content: 54.08% ______ TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 120 GAGTACGAGA GAGGTGAGTG GAATTCCGAG TGTAGAGGTG AAATTCGTAT TACCGCGGCT 180 GCTGACACCG GCCGGA, DNA ______ Metadata: 'description': '' 'id': 'OTU_517' Stats: length: 407 has gaps: False has degenerates: False has definites: True GC-content: 47.91% 0 TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT 60 TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGGACGTCTT 300 TAGGCAGCTT GCTGCTTGCG ATATACAGTA AGCGGCCAAG CGAAAGCGTT AAGTATTCCA 360 CCTGGGGAGT 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TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGAAGTCTT 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_526' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.03% TACGAAGGGG GCTAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGCGCGTA GGCGGGTCTT 60 TAAGTCAGGG GTGAAATGCT GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGAAGATCTT 300 TAGTGAGTTT GCTGATTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_527' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 51.28% TACGGAGGGT GCAAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCCTGG GGAGTACGGT 360 CGCAAGATTA AAACTTAAAT GAATTGGCGG GG, Metadata: 'description': '' 'id': 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TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA 300 TGGGGGGCAT GTAACTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GTCGCAAGGT TAAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_531' Stats: length: 395 has gaps: False has degenerates: False has definites: True GC-content: 55.95% TACGTAGGGT GCGAGCGTTG TCCGGAATTA TTGGGCGTAA AGGGCTTGTA GGTGGCGTGT 60 CGCGTCTGTC GTGAAATTCA CTGGCTTAAC TAGTGAAGTG CGGTGGGTAC GGGCATGCTT 300 GGGGGCTGTT GTGGTTTCTG CGCCGTAGCT AACGCAATAA GTGCCCCGCC TGGGGAGTAC 360 GGCCGCAAGG CTAAAACTCA AAGGAATTGA CGGGG, DNA Metadata: 'description': '' 'id': 'OTU_532' Stats: length: 274 has gaps: False has degenerates: False has definites: True GC-content: 50.00% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 120 GAGTACTGGA GAGGGTAGCA GAATTCATGG TGTAGCAGTG AAATGCGTAG ATATCATGAG 180 GAATACCAAT GGCGAAGGCA GCTACCTGGA CAGTTACTGA CGCTCAGGTA GCTGCCTTCG 240 CCATTGGTAT TCCTCATGAT ATCTACGCAT TTCA, Metadata: 'description': '' 'id': 'OTU_533' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.81% ______ TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGCATG CCTTTGTGAC TGTGGTTCTT 300 TAGGCAGCTT GCTGCTTAGT GGCGCAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_534' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 41.37% ______ 0 TACTAATTTT TCTATCTTTT TTCTTAATCA CTTTTCTTAA ATTTTTCTTA TTCTTTTTT 60 TAATTCATGT TTTAAATCCT TTATCTCAAC TCCATAACTT CCTTTTATAC TGAAAGTCTT 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_535' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.03% TACGTAGGGG GCGAGCGTTG TCCGGAATTA CTGGGCGTAA AGGGTGCGTA GGTGGCCTTT 0 TAAGTTGGAT GTGAAATACC CGGGCTTAAC CTGGGGGGTG CATCTAATAC TGGAGGGCTA 60 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_536' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.81% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_537' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 47.72% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 TGGATGACTT GTAATTAAGT GGAGAAGATA AAGATTTAAG AATTAAGAAT GGGGAGTAAG 360 GTAGAAAGAT TAAAACTAAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_538' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 51.52% 0 TACAGAGACT GCAAGCGTTA TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGAAGGTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA ATGAATTGAC GGGG, Metadata: 'description': '' 'id': 'OTU_539' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 48.73% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 TGGATGACTT GTCATTAAGT GGCGCAGCTA ACGATTTAAG CATTAAGAAT GGGGAGTACG 360 GTCGAAAGAT TAAAACTTAA ATGAATTGGC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_540' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 54.55% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGGGGGTTC CAACCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA 360 CGGCCGCAAG GCTAAAACTC AAATGAATTG GCGGGG, DNA Metadata: 'description': '' 'id': 'OTU_541' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 41.88% TACTAATTTT TCTATCTTTT TTCTTCATTA CTTTTCTTAA CTCTCACTTA TTCTTACATT 60 TAATTCATTT TTTAAATCCC ATTTCTCAAC CCTTGAACTT CCTTTTATAC TTGGTGTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_542' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.54% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTCTT 60 TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAGGTCTT 300 TAGAGGGTTT GTTAATTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGGT TAAAACTCAA ATGAATTGAC GGGG, DNA ______ Metadata: 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CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGGTCTT 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGGC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_546' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 54.85% O TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 TGGATGGAAA CGGTCAGGGG CTTAGAGAAA GCGTTAAGCA ATAAAAATGG GGAGTAAGCA 360 GGAAACGGTG AAACTTAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_547' length: 307 has gaps: False has degenerates: False has definites: True GC-content: 54.07% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCG TAGATATCAG GAGGAATACC GGTGGCGAAG GCGGCCATCT 240 AAAACTCGAT AAGCATACCA CCTGGGGAGT ACGATCGCAA GGTTGAAACT CAAATGAATT 300 GACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_548' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.79% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 TGGGTTGCTT GTAATTCAGT GGCGAAGCTA ACGCTATAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_549' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 58.93% ______ 0 TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGCC ATCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTCAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_550' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 49.74% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 ATGCGATACA CAGTATGCGG CCAAGCGAAA GCATTAAGTG ATCCACCTGG GGAGTACGAT 360 CGCAAGGTTG AAACTTAAAT GAATTGACGG GG, DNA ______ Metadata: 'description': '' 'id': 'OTU_551' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 50.25% ______ TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGACGTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA AGGAATTGGC GGGG, Metadata: 'description': '' 'id': 'OTU_552' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 55.56% CACGTAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGGGCATGTA GGCGGCCTTG 60 TAAGCTTGGC GTGAAAGTCC ACGGCTTAAC CGTGGGATTG CGTTGAGAAC TGCGAGGCTT 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA 360 CGGCCGCAAG GCTAAAACTC AAATGAATTG ACGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_553' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.28% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_554' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 66.33% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 GGGCGGGAAA CGGGCAGGGG CGTAGCGAAA GCGGGAAGCC ATCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTCAAAT GAATTGGCGG GG, DNA Metadata: 'description': '' 'id': 'OTU_555' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 55.08% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 TGGATTCCTT GTCATTCCGT GGCGCAGCTC CCGCTTTAAG CCTTCCGCCT GGGGCGTACG 360 GTCGCAAGAT TAAAACTTAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_556' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 59.44% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGCC ATCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTCAAAT GAATTGGCGG GG, DNA Metadata: 'description': '' 'id': 'OTU_557' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 49.49% 0 TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTTGATAC TGAAAAGCTT 300 ATGCGATACA CAGTATGCGG CCAAGCGAAA GCATTAAGTG ATCCACCTGG GGAGTACGAT 360 CGCAAGGTTG AAACTTAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_558' Stats: length: 198 has gaps: False has degenerates: False has definites: True GC-content: 43.94% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT 60 TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGGACGTCTT 120 GAGTGCATTA AATGTGGGCG GAATTCGTGG TGTAGCGGTG AAATGCTTAG ATATCACGAA 180 TTCCGCCCAC ATTTAATG, DNA Metadata: 'description': '' 'id': 'OTU_559' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.30% TACGAAGGGG GCTAGCGTTG TTCGGAATCA CTGGGCGTAA AGCGCACGTA GGCGGGCATT 60 TAAGTCAGGG GTGAAAGCCC AGAGCTCAAC CCCGGAACTG CCTTTGATAC TGGGTGTCTT 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_560' Stats: length: 317 has gaps: False has degenerates: False has definites: True GC-content: 58.68% TACGGAGGAC CCGAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 240 AGTTACGAGC CAGTGAGCCG CCTTCGCCAC TGGTGTTCTT CCGAATATCT ACGAATTTCA 300 CCTCTACACT CGCAATT, Metadata: 'description': '' 'id': 'OTU_561' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 50.00% TACGAAGGGG GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTT 60 TAAGTCAGTG GTGAAATCCT GTCGCTCAAC GATAGAATTG CCATTGATAC TGAAAAGCTT 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTCAA ATGAATTGGC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_562' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 53.57% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA 300 TGGGGCGGAT GCTTCAGTGC CGTAGCTAAC GTGATAAGTG CACCGCCTGG GGAGTATGCT 360 CGCAAGGGTG AAACTTAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_563' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.28% O TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACCTT 60 TAAGTCAGGG GTGAAATGCC AGGGCTCAAC TTCGGAACTG CCTTTGATAC TGGGTGTCTT 300 TAGATGGCTT GTTATTTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGGC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_564'

Stats:

DNA

Metadata:

Stats:

length: 389 has gaps: False

has degenerates: False has definites: True GC-content: 47.30%

360 AAGTGTGAAA CTTAAAGGAA TTGACGGGG,

'description': ''
'id': 'OTU_565'

has degenerates: False has definites: True GC-content: 54.55%

360 CGGCCGCAAG GCTAAAACTC AAAGGAATTG ACGGGG,

length: 396 has gaps: False

TACGTATGGA CCGAGCGTTG TCCGGAATCA TTGGGCGTAA AGGGTACGTA GGCGGCCTAG TAAGTTAGAA GTGAAATAAT ATAGCTCAAC TATATAAAGC TTTTAAAACT GCAAGGCTTG

300 TGGAATAATC TGGGAGCCGC AGCTAACGCA TTAAACACTC CGCCTGGGGA GTACGCACGC

TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAATAC TACATGGCTA

300 GGGGGGATTC GACCCCCCA GGGCCGAAGC TAACGCGTTA AGTGAGCCGC CTGAGGAGTA

has gaps: False

'description': ''
'id': 'OTU_510'

has degenerates: False has definites: True GC-content: 54.29%

length: 396 has gaps: False

DNA

Metadata:

Stats:

has degenerates: False has definites: True GC-content: 54.29%

360 CGGCCGCAAG GCTAAAACTC AAATGAATTG GCGGGG,

TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA

300 TTGCCGGTTC CGCCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA

has gaps: False has degenerates: False has definites: True GC-content: 53.55% ______ 0 TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAAGCCC AGGGCTCAAC CCGGGAACTG CCTTTGATAC TGGGTGTCTT 300 TGGATTGCAT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGGT TAAAACTCAA AGGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_568' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 49.24% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT 0 TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGGACGTCTT 60 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTCAA ATGAATTGGC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_569' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.31% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTT 60 TAAGTCAGGG GTGAAAGATC CGGGCTCAAC CTGGAGCATG CCTTTGTGAC TGTGGTTCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_570' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.30% TACGAAGGGG GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGGC TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_571' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.55% O TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC GGGGCTCAAC CTCGGAACTG CCTTTGATAC TGGAGGTCTT 300 TAGGTAGCTT GCCGCTCAGT GGCGCAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_572' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.79% TACGGAGGGG GCTAGCGTTG TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGGC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_573' Stats: length: 374 has gaps: False has degenerates: False has definites: True GC-content: 53.48% TACGAAGGGG GCTAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGACATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC CCTGGAACTG CCTTTGTGAC TGTGGTTCTT 300 TGGATGACTT GTCATTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAA, DNA Metadata: 'description': '' 'id': 'OTU_574' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 56.57% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCGGATTC CCCCCCCCC GGGCCCAAGC TCCCGCGTTA AGTGCGCCGC CTGCTGCCTC 360 CGGCCGCAAG GCTCAAACTC AAATGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_575' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.28% O TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTCA CTCTCACTCA TGCTGCTATC 60 CAATTCATAA TTTCAATCCC TTAGCTCCAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTCAA AGGAATTGAC GGGG, ______ Metadata: 'description': '' 'id': 'OTU_576' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.05% TACGTAGGGG GCGAGCGTTG TCCGGAATTA CTGGGCGTAA AGGGTGCGTA GGTGGCCTTT 60 TAAGTTGGAT GTGAAATACC CGGGCTTAAC CTGGGGGGGTG CATCTAATAC TGGAGGGCTA 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTTAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_577' Stats: length: 397 has gaps: False has degenerates: False has definites: True GC-content: 55.67% TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGCGTAA AGAGCTCGTA GGTGGTTTGT 60 CACGTCGTCT GTGAAATCCT AGGGCTTAAC CCTGGACGTG CAGGCGATAC GGGCTGACTT 300 GGGGTTCCTT CCACGGGCTC CGCGCCGTAG CTAACGCATT AAGCGCCCCG CCTGGGGAGT 360 ACGGCCGCAA GGCTAAAACT TAAATGAATT GACGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_578' Stats: length: 307 has gaps: False has degenerates: False has definites: True GC-content: 52.44% 0 TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGATCTT 60 TAAGTCAGGG GTGAAATGCG TAGATATCAG GAGGAATACC GGTGGCGAAG GCGGCCATCT 240 AAAACTCGAT AAGCATACCA CCTGGGGAGT ACGATCGCAA GGTTGAAACT CAAATGAATT 300 GACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_579' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 53.32% O CACGTAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGGGCATGTA GGCGGCCTTG 60 TAAGCTTGGC GTGAAAGTCC ACGGCTTAAC CGTGGGATTG CGTTGAGAAC TGCGAGGCTT 300 ATGCGATACA CAGTATGCGG CCAAGCGAAA GCATTAAGTG ATCCACCTGG GGAGTACGAT 360 CGCAAGGTTG AAACTTAAAG GAATTGGCGG GG, DNA Metadata: 'description': '' 'id': 'OTU_580' length: 392 has gaps: False has degenerates: False has definites: True GC-content: 47.45% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT 60 TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGGACGTCTT 300 TTGCGATATA CAGTAAGCGG CCAAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTCAAAT GAATTGGCGG GG, DNA Metadata: 'description': '' 'id': 'OTU_581' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.79% TACGGAGGGT GCAAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGTCTGT 60 CAAGTCGGAT GTGAAATCCC CGGGCTCAAC CTGGGAGATG CCCTCGATAC GGTGAGTCTT 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_582' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.31% ______ TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTTAA AGGAATTGGC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_583' Stats: length: 393 has gaps: False has degenerates: False has definites: True GC-content: 54.71% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGCGATC 60 CAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGGT TAAAACTCAA ATGATTGACG GGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_584' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 46.17% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGGACGTCTT 300 TTGCGATATA CAGTAAGCGG CCAAGCGAAA GCGTTAAGTA TTCCACCTGG GGAGGAAGAC 360 GGAAACGGTG AAAAGAAAAG GAAGGGAAGG GC, Metadata: 'description': '' 'id': 'OTU_585' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.54% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTC TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGGAAGTCTT 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_586' Stats: length: 479 has gaps: False has degenerates: False has definites: True GC-content: 54.49% TACGGAGGAT GCAAGCGTTA TCCGGATTCA TTGGGTTTAA AGGGTGCGTA GGCGGCTTTT 60 TAAGTCAGTG GTGAAATCCT GTCGCTCAAC GATAGAATTG CCATTGATAC TGAAAAGCTT 360 ACGCCGTAAA CGATGATGGC TCGCTCTTGG CTGGAAACGG TCAGGGGCTT AGCGAAAGCG 420 TTAAGCCATC CACCTGGGGA GTACGCCGGC AACGGTGAAA CTCAAATGAA TTGACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_587' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 50.76% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTTAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_588' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.79% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGCGCACGCA GGCGGTCTGT 60 CAAGTCGGAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATCCGAAAC TGGCAGGCTA 300 TGGGCCTTAC GGGGTTCAGT GCCGAAGAAA ACTCGATAAG CATACCACCT GGGGAGTACG 360 ATCGCAAGGT TGAAACTTAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_589' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 51.02% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTT 60 TAAGTCAGGG GTGAAATCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGGGTGTCTT 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_590' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 50.26% 0 TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGAGCGTA GGCGGATGTT 60 TAAGTCAGTT GTGAAAGTTT AAGGCTCAAC CTTGAAATTG CAGTTGATAC TGGACGTCTT 300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGCC ATCCACCTGG GGAGTACGCC 360 GGCAACGGTG AAACTTAAAG GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_591' Stats: length: 417 has gaps: False has degenerates: False has definites: True GC-content: 52.76% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGCCGAAG AAAACTCGAT 360 AAGCATACCA CCTGGGGAGT ACGATCGCAA GGTTGAAACT CAAAGGAATT GACGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_592' Stats: length: 190 has gaps: False has degenerates: False has definites: True GC-content: 54.74% TACGAAGGGG GCTAGCGTTG TTCGGAATTC CACTCACCTC TCTCGTACTC AAGACACCCA 60 GTATCAAAGG CAGTTCCAGG GTTGAGCCCT GGGATTTCAC CCCTGACTTA AATGTCCGCC 120 TACGTGCGCT TTACGCCCAG TAATTCCGAA CAACGCTAGC CCCCTTCGTA TTACCGCGGC 180 TGCTGACACG, DNA ______ Metadata: 'description': '' 'id': 'OTU_593' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 51.53% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 TTGCGATATA CAGTAAGCGG CCAAGCGAAA GCGTTAAGTA TTCCACCTGA GGACTACGAC 360 CGCAAGGCTA AAACTTAAAT GAATTGACAC CG, Metadata: 'description': '' 'id': 'OTU_594' Stats: length: 371 has gaps: False has degenerates: False has definites: True GC-content: 52.83% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CTGGAGGATG CCTTTGTGAC TGTGGTTCTT 300 GCAGCTAACG CTTTAAGCAT TCCGCCTGGG GAGTACGGTC GCAAGATTAA AACTTAAATG 360 AATTGACGGG G, DNA ______ Metadata: 'description': '' 'id': 'OTU_595' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.55% 0 TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGCGTGCGTA GGCGGGTCTT 60 TAAGTCAGGG GTGAAAGCCT GGAGCTCAAC TCTGGAACTG CCTTTGATAC TGGGGGTCTT 300 TAGTGGGTTT ACTAACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_596' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 52.53% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGTGGCCTTT 60 TAAGTTGGAT GTGAAATACC CGGGCTTAAC CTGGGGGGGTG CATCTAATAC TGGAGGGCTA 300 AGGGGGTATC AACTCCCCCT GTGCCGCAGC TAACGCTTTA AGCATTCCGC CTGGGGAGTA 360 CGGTCGCAAG ATTAAAACTT AAATGAATTG GCGGGG, DNA Metadata: 'description': '' 'id': 'OTU_597' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.79% TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGATATT 60 TAAGTCAGGG GTGAAATCCC AGGGCTCAAC TTCGGAACTG CCTTTGATAC TGGGTATCTT 300 TAGGCAGCTT GTTGCTTAGT GGCGCAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_598' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 51.26% 0 TACGTAGGGT GCGAGCGTTA ATCGGAATTA CTGGGCGTAA AGCGAGCGCA GGCGGTTTTG 60 CAAGTCAGAT GTGAAAGCCC CGGGCTCAAC CTGGGAACTG CGTTTGAAAC TGCAAGGCTA 300 TGGTGGAGTA AAATCCATTA GTAACGCAGC TAACGCGTGA AGTTGACCGC CTGGGGAGTA 360 CGGTCGCAAG ATTAAAACTC AAAGGAATTG ACGGGG, Metadata: 'description': '' 'id': 'OTU_599' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 59.18% ______ O CACGTAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGGGCATGTA GGCGGCCTTG 60 TAAGCTTGGC GTGAAAGTCC ACGGCTTAAC CGTGGGATTG CGTTGAGAAC TGCGAGGCTT 300 GGGGGCGGAG GCGGCAGTGC CGTAGCGAAC GTGAGAAGTG CACCGCCTGG GGAGTATGCT 360 CGCAAGGGTG AAACTCAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_600' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.55% ______ TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATCTT 0 60 TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGAGATCTT 300 TAGGCAGCTT GCTGCTTAGT GGCGCAGCTA ACGCTTTAAG CATCCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_601' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.55% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGCGATC 0 60 CAAGTCAGGA GTGAAAGCCC TGGGCTCAAC CCGGGAACTG CTTTTGATAC TGGGTTGCTA 300 TGGGGTGCAT GTAACTCAGT GTCGAAGCTA ACGCGATAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGGT TAAAACTTAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_602' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 55.33% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTT TAAGTCAGGG GTGAAATCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAAGTCTT 300 GAGGGGGTGG AAGAACGAGG GGCGCAGAGA ACGCTTGAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA ATGAATGGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_603' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 56.12% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGCTTGG 60 TCAGTCAGAT GTGAAAGCCC TCGGCTTAAC CGGGGAACTG CATTTGATAC TGCCAGGCTT 300 CGGGGGTTTA CCTTCGGTGC CGCAGTTAAC GCGTTAAGCA TCCCGCCTGG GGAGTACGGC 360 CGCAAGGTTA AAACTCAAAT GAATTGACGG GG, Metadata: 'description': '' 'id': 'OTU_604' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 52.79% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGCGTGCGTA GGCGGGTCTT 60 TAAGTCAGGG GTGAAATGCT GGAGCTCAAC TCCGGAACTG CCTTTGATAC TGGAAGTCTT 300 TAGGGAGTTT ACTGATTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGGC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_605' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.82% TACGAAGGGG GCGAGCGGGG CGAGGAATTA CTGGGCGTAA AGCGCACGGA GGCGGACATT 60 GAAGGCAGGG GTGAAAGCCC AGGGCGCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 TGGATGACTT GTCCTTCAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_606' Stats: length: 393 has gaps: False has degenerates: False has definites: True GC-content: 52.42% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTTTT 60 TAAGTCAGGG GTGAAATCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGGGTTGCTA 300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCTTTAAG CATTCCGCCT GGGGAGTACG 360 GTCGCAAGAT TAAAACTTAA ATGAATTGGC GGG, DNA Metadata: 'description': '' 'id': 'OTU_607' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 53.28% TACGTAGGGT GCGAGCGTTG TCCGGAATTA CTGGGTGTAA AGGGTGCGCG GGCGGATTCG 60 CACGTCGAAG GTTAAAGACC TTGGCTTAAC CAAGGAGATG CCCTCGATAC GGTGAGTCTT 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGCATTCCGC CTGGGGAGTA 360 CGGTCGCAAG ATTAAAACTC AAATGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_608' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.05% TACGAAGGGG GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGCGCACGCA GGCGGCGATT 60 TAAGTCAGAA GTGAAAGCCC TGGGCTCAAC CCCGGAACTG CTTTTGATAC TGGGTTGCTA 300 TAGGGTGCTT ACACATCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GCCGCAAGAT TAAAACTCAA AGGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_609' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 54.31% TACGAAGGGG GCAAGCGTTG TTCGGAATTA CTGGGCGTAA AGCGCACGTA GGCGGCGATC 60 TAAGTCAGGG GTGAAATCCC TGGGCTCAAC CCCGGAACTG CCTTTGATAC TGGGTGTCTA 300 TGGGGTGCAT GCACCTCAGT GTCGAAGCTA ACGCGATAAG CACTCCGCCT GGGGAGTACG 360 GTCGCAAGGT TAAAACTCAA ATGAATTGAC GGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_610' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 55.30% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATG 60 TGTGTTAGGC GTGAAAGCCC GAGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCGGATTC GACCCCTCCA GGGCCCCAGC TAACGCGTTA AGTGTGCCGC CTGAGGACTA 360 CGGCCGCAAG GCTAAAACTC AAAGGAATTG GCGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_611' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 53.54% TACGGAGGAT CCAAGCGTTA TCCGGATTTA TTGGGTTTAA AGGGTGCGTA GGCGGCCATC 60 TAAGTCAGGC GTGAAAGCCC GGGGCTCAAC CTCGGAATTG CACCTAAAAC TACATGGCTA 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA 360 CGGCCGCAAG GCTAAAACTC AAAGGAATTG ACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_612' Stats: length: 248 has gaps: False has degenerates: False has definites: True GC-content: 52.42% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCATC 60 TGGCTCATTA TTGACGCTTA GGCACGAAAG CGTGGGGAGC GAACAGGATT AGATACCCTG 120 GTAGTCCACG CCCTAAACGA TGTATGCTTG GTGTTGGGCC TTACGGGGTT CAGTGCCGAA 180 GAAAACTCGA TAAGCATACC ACCTGGGGAG TACGATCGCA AGGTTGAAAC TCAAATGAAT 240 TGACGGGG, DNA Metadata: 'description': '' 'id': 'OTU_613' length: 362 has gaps: False has degenerates: False has definites: True GC-content: 53.59% CTTAAAGCGT TAGCTGCGCC ACTGAATGAC AAGTCATCCA ACGGCTGGCA TTCATCGTTT 60 ACAGCGTGGA CTACCAGGGT ATCTAATCCT GTTTGCTCCC CACGCTTTCG CACCTCAGCG 300 TTACGCCCAG TAATTCCGAA CAACGCTAGC CCCCTTCGTA TTACCGCGGC GGCTGACACC 360 CG, DNA Metadata: 'description': '' 'id': 'OTU_614' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 53.05% TACAGGGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGAGCGTA GGCGGAACTA 60 CAAGACAGGG GTTAAAGATC CGGGCTCAAC CCTGGAACTG CCTTTGATAC TGGGTGTCTT 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTCAA ATGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_615' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 52.30% ______ 0 TACGAAGGGG GCTAGCGTTG TTCGGATTTA CTGGGCGTAA AGCGCACGTA GGCGGATCTT 60 TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGAGATCTT 300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGCA TTCCACCTGG GGAGTACGGT 360 CGCAAGATTA AAACTTAAAT GAATTGACGG GG, DNA Metadata: 'description': '' 'id': 'OTU_616' Stats: length: 376 has gaps: False has degenerates: False has definites: True GC-content: 52.66% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTCTT 60 TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAGGTCTT 300 GTGGCGCAGC TAACGCTTTA AGCATTCCGC CTGGGGAGTA CGGTCGCAAG ATTAAAACTC 360 AAATGAATTG ACGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_617' Stats: length: 392 has gaps: False has degenerates: False has definites: True GC-content: 53.83% TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTCTT TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAGGTCTT 300 TGGCTGGAAA CGGTCAGGGG CTTAGCGAAA GCGTTAAGCC ATCCACCTGG GGAGTACGGT 360 CGCAAGATTA AAACTTAAAG GAATTGGCGG GG, Metadata: 'description': '' 'id': 'OTU_618' Stats: length: 396 has gaps: False has degenerates: False has definites: True GC-content: 59.34% TACAGAGACT GCAAGCGTTA TTCGGCTTCA CTGGGCGTCC CGGGTGCGCC GGCGGCCCTG TGTGTTAGGC GTGCCCGCCC GCGGCTCCCC CTCGGACTTG CACCTCCCCC TACATGGCTA 300 TGGCGGATTC GACCCCCCA GGGCCCAAGC TAACGCGTTA AGTGAGCCGC CTGAGGACTA 360 CGGCCGCAAG GCTAAAACTC AAATGAATTG ACGGGG, DNA ______ Metadata: 'description': '' 'id': 'OTU_619' Stats: length: 394 has gaps: False has degenerates: False has definites: True GC-content: 57.87% TACAGAGACT GCAAGCGTTA TTCGGATTCA CTGGGCGTAA AGGGTGCGCA GGCGGCCCGG 60 TCAGTCAGCG GTGAAATGCC CGCGCTTCAC GCGGGAGCTG CCGTTGATAC TGCCGGGCTA 300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG 360 CTCGCAAGGG TGAAACTTAA AGGAATTGAC GGGG, DNA Metadata: 'description': '' 'id': 'OTU_620' Stats: length: 394 has gaps: False

has degenerates: False has definites: True GC-content: 54.06%

'description': ''
'id': 'OTU_621'

'description': ''
'id': 'OTU_622'

has degenerates: False

length: 394 has gaps: False

has degenerates: False has definites: True GC-content: 56.46%

length: 395 has gaps: False

DNA

Metadata:

Stats:

DNA

Metadata:

Stats:

360 CTCGCAAGGG TGAAACTTAA ATGAATTGAC GGGG,

360 GGCCGCAAGG TTAAAACTTA AATGAATTGA CGGGG,

O TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGCAA AGGGTGCGTA GGCGGGTCTT
60 TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAGGTCTT

TACGGAGGGT GCAAGCGTTA TTCGGAATTA CTGGGCGTAA AGCGCACGCA GGCGGTCTGT CAAGTCGGAT GTGAAATCCC CGGGCTCAAC CTGGGAACTG CATCCGAAAC TGGCAGGCTA

300 TTGGGCCCTT GAGGCGTGGC TTCCGAAGCT AACGCGTTAA GTCGACCGCC TGGGGAGTAC

300 TAGTGGGTTT ACTCACTAGT GGCGCAGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG

Metadata:

Stats:

DNA

Metadata:

Stats:

'description': ''
'id': 'OTU_566'

'description': ''
'id': 'OTU_567'

length: 394

has degenerates: False has definites: True GC-content: 52.54%

360 CTCGCAAGGG TGAAACTTAA ATGAATTGAC GGGG,

0 TACAGAGGGT GCAAGCGTTG TTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGATCTT 60 TAAGTCAGGG GTGAAATGCC GGAGCTCAAC TTCGGAACTG CCTTTGATAC TGGAGATCTT

300 CGGGAGAGGT TTCTTCCGGT GTCGTCGCTA ACGCAGTAAG TGTTCCGCCT GGGGAGTACG

length: 394 has gaps: False

	'id Stats: leng has has has GC-0 0 CACO 60 TAAO	cription : 'OTU_6 gth: 395 gaps: Fa degenera definite content: GTAGGGG G	lse tes: Fa s: True 56.46% CAAGCGT TGAAAGT	TG TTCG(CTTAAC GGAGCT	CGTGGGA AACGCGT	TTG CGT	TGAGAAC	GGCGGCCT TGCGAGGC TGGGGAGTA	ГТ				
	'id Stats: leng has has GC-G TACG 60 TACG	cription : 'OTU_6 gth: 394 gaps: Fa degenera definite content: GAAGGGG G	lse tes: Fa s: True 52.03% CTAGCGT TGAAATC	lse TG CTCG CT GGAG	 GAATCA CTCAAC	 CTGGGCG TCCAGAA	TAA AGG	 GTGCGTA FTGATAC	GGGGAGTAC	 TT TT				
	DNA Metadata 'des 'id Stats: leng has has GC-0 0 TAC0 60 TAA0	cription : 'OTU_6 gth: 394 gaps: Fa degenera definite content: GAAGGGG G	lse tes: Fa s: True 53.30% CTAGCGT TGAAATG	lse TG CTCG CT GGAG	GAATCA	CTGGGCG TTCGGAA	TAA AGG	 GAGCGTA FTGATAC	GGCGGGTCT	 TT TT				
	360 GTCC DNA 	GCAAGAT T c: ccription : 'OTU_6 gth: 392 gaps: Fa degenera definite content:	AAAACTT ': '' 26' lse tes: Fa s: True 56.38%	lse	ATTGAC	GGGG,	TAA AGG	GTGCGCA	GGGGAGTAC	 ГG				
	360 GGCADNA Metadata 'des 'id Stats: leng has has GC 0 TACC	ACGGTG A :: scription : 'OTU_6 gth: 392 gaps: Fa degenera definite content:	AACTCAA ': '' 27' lse tes: Fa s: True 53.83% CTAGCGT	lse	TGACGG	GG,	 TAA AGG	 GTGCGTA	GGCGGGTT	 - TT				
	300 TGGG 360 CGCA DNA Metadata 'des 'id Stats: leng has has GC-G	GGCGGAT GAGGGTG A CONTROL CO	CTTCAGT AACTTAA ': '' 28' lse tes: Fa s: True 46.17%	GC CGTAC	GCTAAC TGGCGG	GTGATAA GG,	GTG CAC	CGCCTGG		CT 				
	60 TCG 300 CTCG 360 GACA DNA Metadata 'des 'id Stats: leng has has	CTTACTG T	GTGGACT CCCAATA ':'' 29' lse tes: Fa s: True	AC CAGGO	GTATCT GATAAC	AATCCTG	TTT GATA	ACCCACA GTATTAC	CGAGTATTC CTTTCGAGC CGCGGCTGC	CA				
	0 TACC 60 TAAC 120 GAG 180 GAAC 240 AGTA DNA 	GAAGGGG G GTCAGGG G GACGAGA G CACCAGT G ATCGAGC C	CTAGCGT TGAAATC AGGTGAG GCGAAGG AGTGAG, ': '' 30' lse tes: Fa	CC AGGG(TG GAAT CG GCTC/	CTCAAC TCCGAG ACTGGC	CCTGGAA TGTAGAG	CTG CCT GTG AAA TGA CGC	TTGATAC TTCGTAG TGAGGTG	GGCGGACA TGGGTGTC ATATTCGGA CGAAAGCG	ΓΤ AA				
	GC-0 TACC 60 TACC 300 TATA 360 GCTC DNA Metadata 'des 'id Stats: leng	STCAGTG G ACAGTAA G GAAACTT A	45.34% CAAGCGT TGAAATC CGGCCAA AATGAAT ': '' 31'	TA TCCG(CT GTCG(.GC GAAA(TG ACGG(CTCAAC GCGTTA GG,	GATAGAA AGTATTC	CAC CTG	TTGATAC	GGCGGCTT TGAAAAGC CGATCGCAA	TT AG				
	has GC-0 TACC 60 TAAC 300 ATGC 360 TTAA DNA Hetadata 'des 'id Stats:	GTCAGTG G GGGTACA G AAGGAAT T	s: True 46.83% CAAGCGT TGAAATC CGAAAGC GACGGGG	TA TCCGG CT GTCGG	CTCAAC	GATAGAA	GAG TAC	TTGATAC	GGCGGCTT TGAAAAGC AGAATGAAA	TT AC				
	has has has GC-C TACC 60 CACC 300 GATC 360 CCGC DNA Metadata 'des	gaps: Fa degenera definite content: GTAGGGT G GTAGGCG G	tes: Fa s: True 53.06% CGAGCGT ACATTTA GCCGTTG GTACGGT	TG TCCG(AG TCAG(GA TGAC	GGGTGA TTGTCA ATTAAA	TTCAGTG ACTCAAA	GGG CTC	AACCCTG CTAACGC GACGGG,	GGCGGATTO GAACTGCC TTTAAGCA	ГТ				
	leng has has GC-G TACG 60 TAAG 240 GGGA 300 CTGG DNA Metadata 'des	STCAGTG G ATCGAAC A GGGAGTA C 	tes: Fa s: True 46.82% CAAGCGT TGAAATC GGATTAG GATCGCA	TA TCCG(CT GTCG(AT ACCC [*] AG GTTG/	CTCAAC TGGTAG AAACTT	GATAGAA TCCACGC AAATGAA	CCGT AAA	CTCGATA GGG,	GGCGGCTT TGAAAAGC ⁻ AGCATACC <i>A</i>	ГТ				
	Stats: leng has has GC-G TACG TAAG 300 TTGG 360 GCAT DNA Metadata	GTCAGTT G CGATATA C TACG,	lse tes: Fa s: True 44.69% CAAGCGT TGAAAGT AGTAAGC	TA TCCG(TT AAGG(GATTTA CTCAAC GCGAAA	CTTGAAA	TAA AGG	GAGCGTA ITGATAC ITTTCAA	GGCGGATG ⁻ TGGACGTC ⁻ GCAGAAGA(ГТ				
	'id Stats: leng has has has GC-0 TAC 60 CAAC	STCATAA T	lse tes: Fa s: True 49.49% CAATCTT TGAAAGC CACCTCA AAAACTC	TT TTCG CC TGGGG	CTCAAC AAGCTA ATTGAC	CCGGGAA	AAG CAC	TTGATAC	TTCGGCTA ^T TGGGTTGC ^T GGGGAGTAC	ΓΑ				
	'id Stats: leng has has has GC-0 TACO 60 TACO	cription : 'OTU_6 gth: 394 gaps: Fa degenera definite content: GAAGGGG G	lse tes: Fa s: True 53.55% CAAGCGT TGAAATC	TG TTCG(CTCAAC AAGCTA	CCGGGAA	CTG CTT	TTGATAC	GGGGACAT TGGGTGGCT	ГТ				
	Metadata 'des 'id Stats: leng has has GC-0 TACC 60 CCCC	cription : 'OTU_6 gth: 394 gaps: Fa degenera definite content: GAAGGGG G GTCAGCC G	lse tes: Fa s: True 60.41% CAAGCGT TGCCCGC	TG TTCG(CTCCCC AAGCTA	CCGGGAC	CTG CTT	TTGCTCC	GGCGGCGCTGGGTTGC	ΓΑ				
	DNA Metadata 'des 'id Stats: leng has has GC-0 0 TAC0 60 TAA0	cription : 'OTU_6 gth: 394 gaps: Fa degenera definite content: GAAGGGG G	lse tes: Fa s: True 53.81% CTAGCGT TGAAATC	lse TG TTCG CC GGGG	GAATCA	CTGGGCG CCCGGAA	TAA AGG	 GTGCGTA FTGATAC	GGCGGACATGGGTGTCT	 TT TT				
	300 TGGA 360 GTCC DNA Metadata 'des 'id Stats: leng has has GC-C	GCAAGAT T c: ccription : 'OTU_6 gth: 392 gaps: Fa degenera definite content:	AAAACTC ': '' 39' lse tes: Fa s: True 54.85% CAAGCGT	lse	ATTGGC	GGGG,	TTAA AGG	 GCATGTA	GGCGGCCTTGCGAGGC	 ГG				
	300 TGGG 360 GGCA DNA Metadata 'des 'id Stats: leng has has GC-G	CTGGAAA CAACGGTG A CTGCTIPTION CTGCTIPTIO	GGTCAGG AACTTAA ': '' 40' lse tes: Fa s: True 53.05%	GG CTTAC	GCGAAA TGGCGG	GCGTTAA GG,	GCC ATC	CACCTGG	GGAGTACG	 				
	60 TAAC 300 TAG 360 GTCC DNA Metadata 'des 'id Stats: leng has has	GTCAGAG G GGGTTT A GCAAGAT T	TGAAAGC CTCACTA AAAACTT ':'' 41' lse tes: Fa s: True	CT GGAGGGAA AGGAA	CTCAAC CAGCTA ATTGAC	CCCAGAA	CTG CCT	TTGATAC	GGCGGGTCTGAAGGTAG	ГТ				
	60 TAAC 240 GGGA 300 GAGC DNA Metadata 'des 'id Stats: leng has has	STCAGGG G AGCAAAC A CCAGTGA G	TGAAATC GGATTAG , ': '' 42' lse tes: Fa	AT ACCC	CTCAAC	CCTGGAA	CTG CCT	TTGATAC	GGCGGACATGGGTGTC	ГТ				
	GC-C O TACT 60 TCAT 300 TGGG 360 GGCA DNA Metadata 'des 'id Stats: leng has	GATTAC C TCATCG T CTGGAAA C ACGGTG A CTGGAAA C ACGGTG A CTGGAAA C ACGGTG A CTGGAAA CCTGGTGAAA CCTGGAAAA C CACGGTG A	51.28% CTATCTT TTAAATG GGTCAGG AACTCAA ': '' 43'	TA TCCT CC CTCGO GG CTTAO AT GAAT	CTTCAC GCGAAA TGGCGG	TCTGTAT GCGTTAA	GCC ATC	TTGATAC	TTCTTCCCT TGCCGGGCT GGAGTACGG	ΓΑ				
n [28]:	has GC-C TACC TACC TACC TACC TACC TACC TACC T	GTCAGGG G AGGGCAT G GCAAGAT T tree [dna.matrix if the content of	s: True 53.05% CTAGCGT TGAAATC TCATTCA AAAACTT etadata = Dista	TG TTCGGCC AGGGCGAA AGGAA	CTCAAC AAGCTA ATTGGC for dna ix(dm,	ACGCGTT GGGG] a in dna otu_ids	CTG CTT CAAG CAT _lines]	TCCGCCT	GGCGGCCA TGGGTGGC GGGGAGTAC	ГТ				
n [29]:	tree print("s saved tree 6:0.0,(0 or 0.0, 0 or 0.0) (0 or 0.0, 0 o	TU_633:0. 0.0,(OTU TU_617:0. 0.0,(OTU TU_600:0. 0.0,(OTU TU_583:0. 0.0,(OTU TU_567:0. 0.0,(OTU	ewick_f. e:", st 642:0.0 0,(OTU625:0. 0,(OTU607:0. 0,(OTU590:0. 0,(OTU576:0. 0,(OTU554:0. 0,(OTU0,(OTU_	ile, for r(tree)) ,(OTU_64,634:0.0,0,(OTU_6615:0.0,0,(OTU_9582:0.0,0,(OTU_9566:0.0,0,(OTU_95566:0.0,0,(OTU_9553:0.0,0)	rmat='r) 41:0.0, ,(OTU_6 623:0.0, ,(OTU_6 599:0.0, ,(OTU_5 573:0.0, ,(OTU_5 557:0.0,	, (OTU_63 631:0.0, 0, (OTU_6 616:0.0, 0, (OTU_6 604:0.0, 0, (OTU_5 581:0.0, 0, (OTU_5 563:0.0, 0, (OTU_5	9:0.0,((OTU_63 24:0.0, (OTU_61 603:0.0, (OTU_59 88:0.0, (OTU_57 72:0.0, (OTU_56 (OTU_56	OTU_640: 2:0.0,(0 (OTU_622 1:0.0,(0 (OTU_608 7:0.0,(0 (OTU_587 4:0.0,(0 (OTU_565 4:0.0,(0	0.0, (OTU_TU_630:0 :0.0, (OTU TU_612:0 :0.0, (OTU TU_596:0 :0.0, (OTU TU_577:0 :0.0, (OTU TU_569:0 :0.0, (OTU	.0, (OTU_6 J_621:0.0 .0, (OTU_6 J_601:0.0 .0, (OTU_5 J_585:0.0 .0, (OTU_5 J_568:0.0 .0, (OTU_5 J_552:0.0	629:0.0, 0,(0TU_6: 614:0.0, 0,(0TU_6: 695:0.0, 0,(0TU_5: 678:0.0, 0,(0TU_5: 660:0.0, 0,(0TU_5:	(OTU_627 19:0.0,(((OTU_613 02:0.0,(((OTU_591 86:0.0,(((OTU_579 70:0.0,(((OTU_561 49:0.0,((:0.0,(OT DTU_620: :0.0,(OT DTU_598: :0.0,(OT DTU_584: :0.0,(OT DTU_562: :0.0,(OT DTU_550: :0.0,(OT	.0, (OTU_63 U_628:0.0, 0.0, (OTU_61 U_610:0.0, 0.0, (OTU_66) U_593:0.0, 0.0, (OTU_57 U_580:0.0, 0.0, (OTU_57 U_558:0.0, 0.0, (OTU_54
	9:0.0,(0 ⁻ (0TU_520 4:0.0,(0 ⁻ (0TU_499 8:0.0,(0 ⁻ (0TU_528 5:0.0,(0 ⁻ (0TU_486 8:0.0,(0 ⁻ (0TU_467 9:0.0,(0 ⁻ (0TU_448 0:0.0,(0 ⁻ (0TU_448	TU_505:0. 0.0,(0TU TU_502:0. 0.0,(0TU TU_438:0. 0.0,(0TU TU_494:0. 0.0,(0TU TU_477:0. 0.0,(0TU TU_456:0. 0.0,(0TU TU_439:0. 0.0,(0TU	0,(0TU_ _524:0. 0,(0TU_ _391:0. 0,(0TU_ _527:0. 0,(0TU_ _485:0. 0,(0TU_ _466:0. 0,(0TU_ _447:0. 0,(0TU_ _429:0.	507:0.0, 0,(OTU_! 537:0.0, 0,(OTU_! 474:0.0, 0,(OTU_! 493:0.0, 476:0.0, 476:0.0, 0,(OTU_! 455:0.0, 0,(OTU_! 437:0.0, 0,(OTU_!	, (OTU_5 519:0.0 , (OTU_5 514:0.0 , (OTU_4 518:0.0 , (OTU_4 484:0.0 , (OTU_4 446:0.0 , (OTU_4 446:0.0	531:0.0, 0,(0TU_5 523:0.0, 0,(0TU_4 416:0.0, 0,(0TU_5 492:0.0, 0,(0TU_4 473:0.0, 0,(0TU_4 454:0.0, 0,(0TU_4 436:0.0,	(OTU_50 35:0.0, (OTU_52 04:0.0, (OTU_38 15:0.0, (OTU_49 83:0.0, (OTU_47 64:0.0, (OTU_45 45:0.0, (OTU_43	1:0.0,(0 (0TU_536 5:0.0,(0 (0TU_516 1:0.0,(0 (0TU_503 1:0.0,(0 (0TU_482 2:0.0,(0 (0TU_463 3:0.0,(0 (0TU_444 5:0.0,(0	TU_529:0 :0.0,(0TL TU_534:0 :0.0,(0TL TU_395:0 :0.0,(0TL TU_490:0 :0.0,(0TL TU_471:0 :0.0,(0TL TU_452:0 :0.0,(0TL TU_434:0 :0.0,(0TL	.0, (0TU_5 J_530:0.0 .0, (0TU_5 J_408:0.0 .0, (0TU_4 J_481:0.0 .0, (0TU_4 J_462:0.0 J_463:0.0 J_443:0.0 J_425:0.0	522:0.0, 0, (OTU_5: 513:0.0, 0, (OTU_3: 457:0.0, 0, (OTU_4: 489:0.0, 0, (OTU_4: 470:0.0, 0, (OTU_4: 451:0.0, 0, (OTU_4: 433:0.0,	(OTU_517) 21:0.0,(0) (OTU_526) 80:0.0,(0) (OTU_386) 97:0.0,(0) (OTU_488) 80:0.0,(0) (OTU_469) 61:0.0,(0) (OTU_450) 42:0.0,(0) (OTU_432) 24:0.0,(0)	:0.0,(OT DTU_511: :0.0,(OT DTU_475: :0.0,(OT DTU_496: :0.0,(OT DTU_460: :0.0,(OT DTU_441: :0.0,(OT	0.0, (OTU_50 U_508:0.0, 0.0, (OTU_50 U_533:0.0, 0.0, (OTU_45 U_538:0.0, 0.0, (OTU_45 U_487:0.0, 0.0, (OTU_45 U_468:0.0, 0.0, (OTU_45 U_449:0.0, 0.0, (OTU_45 U_431:0.0, 0.0, (OTU_42 U_431:0.0, 0.0, (OTU_42 U_413:0.0,
	(OTU_412 2:0.0,(0^- (OTU_392 2:0.0,(0^- (OTU_371 3:0.0,(0^- (OTU_337 9:0.0,(0^- (OTU_320 3:0.0,(0^- (OTU_299 6:0.0,(0^- (OTU_283	0.0, (OTU U_401:0. 0.0, (OTU U_379:0. 0.0, (OTU U_362:0. 0.0, (OTU U_345:0. 0.0, (OTU U_328:0. 0.0, (OTU U_311:0. 0.0, (OTU U_293:0. 0.0, (OTU	_411:0. 0,(OTU390:0. 0,(OTU370:0. 0,(OTU353:0. 0,(OTU336:0. 0,(OTU319:0. 0,(OTU306:0. 0,(OTU287:0.	0, (OTU_4 400:0.0, 0, (OTU_3 378:0.0, 0, (OTU_3 361:0.0, 0, (OTU_3 344:0.0, 0, (OTU_3 327:0.0, 0, (OTU_3 310:0.0, 0, (OTU_3 292:0.0, 0, (OTU_2	410:0.0 , (0TU_3 389:0.0 , (0TU_3 369:0.0 , (0TU_3 352:0.0 , (0TU_3 318:0.0 , (0TU_3 303:0.0 , (0TU_2 294:0.0	0,(OTU_4 399:0.0, 0,(OTU_3 377:0.0, 0,(OTU_3 360:0.0, 0,(OTU_3 343:0.0, 0,(OTU_3 309:0.0, 0,(OTU_3 291:0.0,	09:0.0, (OTU_39:88:0.0, (OTU_37:68:0.0, (OTU_35:851:0.0, (OTU_34:84:0.0, (OTU_32:817:0.0, (OTU_30:817:0.0, (OTU_30:85:0.0,	(OTU_407 3:0.0,(0 (OTU_387 6:0.0,(0 (OTU_367 9:0.0,(0 (OTU_336 5:0.0,(0 (OTU_315 3:0.0,(0 (OTU_3026 6:0.0,(0	:0.0, (OTL TU_397:0 :0.0, (OTL TU_375:0 :0.0, (OTL TU_358:0 :0.0, (OTL TU_324:0 :0.0, (OTL TU_307:0 :0.0, (OTL TU_290:0 U_284:0.0	J_406:0.6 .0,(0TU_3 J_385:0.6 .0,(0TU_3 J_366:0.6 .0,(0TU_3 J_349:0.6 .0,(0TU_3 J_332:0.6 .0,(0TU_3 J_316:0.6 J_297:0.6 .0,(0TU_3	0, (OTU_40 396:0.0, 0, (OTU_30 374:0.0, 0, (OTU_30 340:0.0, 0, (OTU_30 323:0.0, 0, (OTU_30 323:0.0, 0, (OTU_30 323:0.0, 0, (OTU_30 323:0.0, 0, (OTU_30 323:0.0,	95:0.0,(((0TU_394 84:0.0,(((0TU_373 65:0.0,(((0TU_356 48:0.0,(((0TU_339 31:0.0,(((0TU_322 14:0.0,((((0TU_304 95:0.0,(((())))))))))))))))))))))))))))))))	DTU_403: :0.0,(OT DTU_383: :0.0,(OT DTU_364: :0.0,(OT DTU_347: :0.0,(OT DTU_330: :0.0,(OT DTU_312: :0.0,(OT DTU_300: :0.0,(OT	0.0, (OTU_46) U_393:0.0, 0.0, (OTU_38) U_372:0.0, 0.0, (OTU_36) U_355:0.0, 0.0, (OTU_32) U_338:0.0, 0.0, (OTU_32) U_321:0.0, 0.0, (OTU_31) U_298:0.0, 0.0, (OTU_29) U_289:0.0, U_249:0.0, 0):0.00199
	1):0.0224 TU_46:0.0 47:0.0,(0 0.0):0.0) (OTU_34:0 U_12:0.0,2 2):0.0):0 0,(0TU_22 259:0.0,0 0,(0TU_22 264:0.0,0 0,(0TU_23 234:0.0,0 0,(0TU_20	24):0.03 0,(0TU_26 0TU_45:0. :0.0):0. 0.0,(0TU_ (0TU_17: 0.000714) 0):0.0): 77:0.0,(0 0TU_262: 47:0.0,(0 0TU_245: 88:0.0,(0 0TU_218:	5179, (0 :0.0, (0 0, (0TU_ 0):0.0) 24:0.0, 0.0, (0T :0.0):0 0.03078 TU_282: 0.0, (0T TU_253: 0.0, (0T TU_237: 0.0, (0T TU_230:	TU_124:0 TU_31:0 36:0.0, :0.0):0 (OTU_25 U_20:0.0 :059959 6):0.028 0.0, (OTU U_271:0 0.0, (OTU U_246:0 0.0, (OTU U_244:0 0.0, (OTU	0.0, ((() .0, (OTU_56 .0):0.0 :0.0, (() 0, OTU_2 , ((OTU_2 8597):0 U_270:0 .0, (OTU U_258:0 U_240:0 .0, (OTU	OTU_41:0 U_48:0.0 6:0.0,(0 0):0.0): OTU_22:0 10:0.0): _2:0.017 0.0):0.0 0.0,(OTU U_274:0. 0.0,(OTU U_239:0. 0.0,(OTU U_231:0. 0.0,(OTU	0.0,((OTU_5; 0,(OTU_5; 0.0):0.0 0.0):0.0 0.0):0.0 0.0):0.0 1028,OTU_1 104624):1 104624):1 104624):1 104624):1 104624):1 1046243:0.0 1046243:0.0 1046243:0.0	J_39:0.6 1:0.0,(0 1:0.0,(0 0.0,(0TU_ 000149): _18:0.0,: _1:0.0): 0.019863 0,(0TU_2 272:0.0,: 0,(0TU_2 229:0.0,: 0,(0TU_2	,(OTU_42 TU_35:0.0 (37:0.0,(0 0.0):0.0 (OTU_21:0 0.0):0.0 0.061309):0.00455 81:0.0,(0 (OTU_257 66:0.0,(0 (OTU_251 48:0.0,(0 (OTU_241 35:0.0,(0	:0.0, (OTU_49) :0.0, (OTU_55:0) :0.0) :0.9 :0.0, (OTU_4) :0.00442 ;(OTU_4:0) :0.0, (OTU_278:0) :0.0, (OTU_254:0) :0.0, (OTU_242:0) :0.0, (OTU_242:0) :0.0, (OTU_242:0) :0.0, (OTU_242:0)	J_44:0.0, (0.0),	, (OTU_28 TU_38:0.(OTU_32:0 :0.0):0.0(OTU_16:(0.0):0.00(_3:0.0,((3,(OTU_26) _265:0.0,(0,(OTU_26) _217:0.0,(0,(OTU_23) _227:0.0,(0,(OTU_23)	:0.0,(OT 0,(OTU_2 .0):0.0) 003328,(0.0,(OTU 01806):0 0TU_6:0. 79:0.0,(,(OTU_27 68:0.0,(,(OTU_23 52:0.0,(,(OTU_21 33:0.0,(U_27:0.0,(0 9:0.0,(0TU_ :0.0):0.0): OTU_23:0.0, _13:0.0,(0T .0):0.00268 00538,OTU_ OTU_273:0. 5:0.0,(0TU_ OTU_250:0. 2:0.0,(OTU_ OTU_154:0. 3:0.0,(OTU_ OTU_222:0. 3:0.0,(OTU_
	0,(0TU_20 187:0.0,0 0,(0TU_194 0:0.0,(0^ (0TU_142 1:0.0,(0^ (0TU_175 5:0.0,(0^ (0TU_117,0,0) 0TU_137:0.0 0):0.0):0 (0TU_101,0)	09:0.0,(0 0TU_186: 05:0.0,(0 0.0,(0TU TU_181:0. 0.0,(0TU TU_172:0. 0.0,(0TU TU_144:0. 0.0,(0TU TU_84:0.0 0,(0TU_11 0.0):0.00 0.0,(0TU	TU_198: 0.0,(OT TU_221: _112:0. 0,(OTU157:0. 0,(OTU114:0. 0,(OTU130:0. ,(OTU_1 5:0.0,(2032,(0 _81:0.0	0.0, (OTU U_173:0 0.0, (OTU_9 188:0.0, 0, (OTU_178:0.0, 0, (OTU_123:0.0, 0, (OTU_133:0.0, 0, OTU_133 TU_73:0	U_205:0 .0,(0TU U_204:0 97:0.0, ,(0TU_2 166:0.0 ,(0TU_2 153:0.0 (0TU_8 :0.0,(0 .0,(0TU	0.0,(OTU U_214:0. 0.0,(OTU ,(OTU_16 179:0.0, 0,(OTU_1 146:0.0, 0,(OTU_1 7:0.0,(O 0TU_106: U_91:0.0 (OTU_61:	J_225:0.1 0,(0TU_ J_210:0.1 52:0.0,(0TU_18 .67:0.0,(0TU_17 .69:0.0,(0TU_13 .04:0.0, 0TU_110:1 0.0,(0TU_1 0.0,(0TU_1	9,(OTU_2 171:0.0, 9,(OTU_2 OTU_161: 4:0.0,(O (OTU_136 9:0.0,(O (OTU_141 9:0.0,(OTU_147 9.0,(OTU_147 J_108:0.	07:0.0,(((0TU_196 02:0.0,(0 0.0,(0TU_ TU_174:0 :0.0,(0TU TU_163:0 :0.0,(0TU TU_145:0 :0.0,(0TU _102:0.0, 0,(0TU_15 0TU_122:(0,(0TU_12	DTU_190:0 :0.0,(OTU_201:0 _192:0.0, .0,(OTU_2 J_165:0.0 .0,(OTU_2 J_149:0.0 .0,(OTU_2 J_125:0.0, .(OTU_75:0.0,0)	0.0,(OTU_ J_211:0.0 0.00062, (OTU_18! L64:0.0, 0,(OTU_1! L68:0.0, 0,(OTU_8! 00.0,(OTU_8! 00.0,(OTU_8! 00.0,(OTU_8!	_199:0.0, 0, (OTU_20, 0, (OTU_193, 5:0.0, (OTU_180, 50:0.0, (OTU_127, 56:0.0, (OTU_159, 0:0.0, (OTU_138:0, 0):0.0), (OTU_63, 0.0, (OTU_63, 0.0, (OTU_	,(OTU_21 93:0.0,(:0.0,(OT TU_148:0 :0.0,(OT DTU_155: :0.0,(OT DTU_143: :0.0,(OT U_113:0 .0,(OTU_ :0.0):0.	OTU_224:0. 6:0.0,(OTU_ 0TU_197:0. U_176:0.0, .0,(OTU_16 U_182:0.0, 0.0,(OTU_13 U_140:0.0, 0.0,(OTU_13 U_107:0.0, .0,(OTU_12 129:0.0,(OT 0):0.0):0. U_116:0.0, ,(OTU_111:
	5:0.0,(0 ⁻ 0.0,(0 ⁻ 10.0,(0 ⁻ 10.0,(TU_64:0.0 J_72:0.0, C:0.0,OTU_70 OTU_88:0. 0):0.000 0.0):1.6 05):0.0):0.0) 0.0):0.0):0.0):0.0):0.0):0.0	,(OTU_6 (OTU_54 _59:0.0 :0.0,(O 0,(OTU_ 737):0. e-05):0 0.0):0. :0.0):0 :0.0):0 0):0.0) 0):0.0)	6:0.0,(0 :0.0,(0):0.0):0 TU_76:0 69:0.0,(0 0):0.0) .0):0.0 .0):0.0 .0):0.0 :0.0):0 :0.0):0 :0.0):0	OTU_52: TU_50:(0.0):0: .0,(OTU_68: :1.8e-():0.0):(:0.0):(0.0):0.(.0):0.(.0):0.(0):0.(0):0.(0):0.(0):0.(:0.0,(OTU 0.0);0.0) U_93:0.0 :0.0):0.0 05):0.0 :0.0):0.0 :0.0):0.0 :0.0):0.0 0):0.0):0 0):0.0):0	U_85:0.0 1_57:0.0 :0.0):0 0,(OTU_8 0):0.0):0 (1):0.0):0 0):0.0):0 0):0.0):0 0.0):0.0 0.0):0.0	9, (OTU_9, (OTU_58, (9:0.0,(0 ⁻¹ :0.0,(0 ⁻¹ :0.0);0.0 TU_82:0.0 0):0.0):0.0 :0.0):0.0):0 0):0.0):0 0):0.0):0 0):0.0):0 0):0.0):0.0 0.0):0.0 0.0):0.0	TU_53:0.6 J_43:0.0, D00852):0 D, (OTU_98 D.0):0.0):0	0, (OTU_10 (OTU_40 0.001367 3:0.0, (O'0):0.0):0.000459 0:0.0):0.0 0:0.0):0.0 0:0.0):0.0 0:0.0002 0:0):0.0 0:0):0.0 0:0):0.0)	90:0.0,((() :0.0,(0TU_78) TU_80:0.(() .0):0.0):0.(() .0):0.0):0.(() .0):0.0):0.(() .0):0.(() .0):0.(() .0):0.(() .0):0.(() .0):0.(() .0):0.(() .0):0.(()	DTU_94:0 J_65:0.0 :0.0,(OT 0,(OTU_7 :0.0):0.0 :0.0):5.0 :0.0):0.0 :0.0):0.0 :0.0):0.0 :0.0):0.0 :0.0):0.0)	.0, (OTU_86: , (OTU_33:0. U_90:0.0, (OTU_ 9:0.0, (OTU_ 0):0.0):7.1e- 8e-05):0.):0.0):0. 0):0.0):0. 0):0.0):0. 0):0.0):0.
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in [18]: Out[18]:	# create pairwise pairwise x = np. (filled.) filled	2: Fron distance andistance	: No. 10 10 10 10 10 10 10 10	### ### ### ### ### ### ### ### ### ##		### ### ### ### ### ### ### ### ### ##	a/raw/ti, 0.1, 0.3, 0.3,	Color Colo	01:0.001:0 01:0.001:0	Cances_all Cances	Continue	SCIE"	10 10 10 10 10 10 10 10	0):0.0):0.0 0):0.0):0.0 0):0.0):0.0 0):0.0):0.
in [18]: Out[18]:	# create pairwise pairwise x = np. (filled.) filled	2: Fron distance andistance	: No. 10 10 10 10 10 10 10 10	### ### ### ### ### ### ### ### ### ##		### ### ### ### ### ### ### ### ### ##	a/raw/ti, 0.1, 0.3, 0.3,	Color Colo	01:0.001:0 01:0.001:0	Cances_all Cances	Continue	SCIE"	10 10 10 10 10 10 10 10	0):0.0):0.0 0):0.0):0.0 0):0.0):0.0 0):0.0):0.
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in [18]: Out[18]:	# create pairwise pairwise x = np. (filled.) filled	2: Fron distance andistance	: No. 10 10 10 10 10 10 10 10	### ### ### ### ### ### ### ### ### ##		### ### ### ### ### ### ### ### ### ##	a/raw/ti, 0.1, 0.3, 0.3,	Color Colo	01:0.001:0 01:0.001:0	Cances_all Cances	Continue	SCIE"	10.00 10.0	0):0.0):0.0 0):0.0):0.0 0):0.0):0.0 0):0.0):0.
in [18]: Out[18]:	# create pairwise pairwise x = np. (filled.) filled	2: Fron distance andistance	: No. 10 10 10 10 10 10 10 10	### ### ### ### ### ### ### ### ### ##		### ### ### ### ### ### ### ### ### ##	a/raw/ti, 0.1, 0.3, 0.3,	Color Colo	01:0.001:0 01:0.001:0	Cances_all Cances	Continue	SCIE"	10.00 10.0	0):0.0):0.0 0):0.0):0.0 0):0.0):0.0 0):0.0):0.
in [18]: Out[18]:	# create pairwise pairwise x = np. (filled.) filled	2: Fron distance andistance	: No. 10 10 10 10 10 10 10 10	### ### ### ### ### ### ### ### ### ##		### ### ### ### ### ### ### ### ### ##	a/raw/ti, 0.1, 0.3, 0.3,	Color Colo	01:0.001:0 01:0.001:0	Cances_all Cances	Continue	SCIE"	10.00 10.0	0):0.9):0. 0):0.9):0. 0):0.9):0. 0):0.9):0. 10:0.9
in [18]: Out[18]:	# create pairwise pairwise x = np. (filled.) filled	2: Fron distance andistance	: No. 10 10 10 10 10 10 10 10	### ### ### ### ### ### ### ### ### ##		### ### ### ### ### ### ### ### ### ##	a/raw/ti, 0.1, 0.3, 0.3,	Color Colo	01:0.001:0 01:0.001:0	Cances_all Cances	Continue	SCIE"	10.00 10.0	0):0.9):0. 0):0.9):0. 0):0.9):0. 0):0.9):0. 10:0.9
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has definites: True GC-content: 48.48%

DNA

TACGAAGGGG GCTAGCGTTG CTCGGAATCA CTGGGCGTAA AGGGTGCGTA GGCGGGTCTT
TAAGTCAGAG GTGAAAGCCT GGAGCTCAAC TCCAGAACTG CCTTTGATAC TGAAGGTCTT

300 TAGTGGGTTT AATCAATAGT GGAGAAGATA AAGATTTAAG AATTAAGAAT GGGGAGTACG 360 GTCGAAAGAT TAAAACTTAA ATGAATTGAC GGGG,
