Reference sequence AJ400267.1 (Gaps were removed)

GATGAACGCTAGCGACAGGCTTAACACATGCAAGTCGAGGGGCAGCGGGGCAGGAAGCTTGCTTTCTGCCGCCGGCGACCGGCGCACGGGTGAGTAACACGTATGCAACCTGGCCGTGACAGATGGATAACCGGGAGAAATCCCGCCTAATACAGCATGACGCCGGGAAGGGACATCCCTTTCCGGCCAAAGGGGGCGACTCCGGTCACGGATGGGCATGCGGCGCATTAGGTAGTTGGTGGGGCAACGGCCCACCAAGCCGACGATGCGTAGGGGTTCTGAGAGGAAGGTCCCCACATTGGAACTGAGACACGGTCCAAACTCCTACGGGAGGCAGCAGTGAGGAATATTGGTCAATGGCCGGAAGGCTGAACCAGCCAAGTCGCGTGAGGGAATAAGGCCCTACGGGTCGTAAACCTCTTTTGTCAGGGAGCAAGGCCGCCCACGTGTGGACGGAAGGAGAGTACCTGGAGAAAAAGCATCGGCTAACTCCGTGCCAGCAGCCGCGGTAATACGGAGGATGCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGTGCGTAGGCGGCCTGCCAAGTCAGCGGTAAAATTGCGGGGCTCAACCCCGTACAGCCGTTGAAACTGCCGGGCTCGAGTGGGCGAGAAGTATGCGGAATGCGTGGTGTAGCGGTGAAATGCATAGATATCACGCAGAACCCCGATTGCGAAGGCAGCATACCGGCGCCCTACTGACGCTGAGGCACGAAAGTGCGGGGATCAAACAGGATTAGATACCCTGGTAGTCCGCACAGTAAACGATGAATGCTAGCTGTCCGGGGGATTGACCCCTGGGTGGCACAGCGAAAGCGTTAAGCATTCCACTTGGGGAGTACGCCGGCAACGGTGAAATCAAAGGAATTGACGGGGCCCCGCACAAGCGGAGGAACATTGTGTTTAATTCGATGATACGCGAGGAACCTTACCCGGGCTCAAACGCCGAAGGAACATTCCCCGAAAGGGGGAATGGCCAGCAATGGTCTTCGGCGAGGTGCTGCATGGTTGTCCTCAGCTCGTGCCGTGAGATGTCGGCTTAAGTGCCATAACGAGCGCAACCCTTCTCTCCGTTTGCCATCGGGTAATGCCGGGCACTCCGGAGACACTGCCATCGCAAGATGTGAGGAAGGCGGGGATGACGTCAAATCAGCACGGCCCTTACGTCCGGGGCTACACACGTGTTACAATGGGTGATACAGAGGGAAGCTACCGTGCGAGCGGACGCTGATCCTCAAAGTCGCTCTCAGTTCGGACTGGAGTCTGCAACCCGACTCCACGAAGCTGGATTCGCTAGTAATCGCGCATCAGCCATGGCGCGGTGAATACGTTCCCGGGCCTTGTACACACCGCCCGTCAAGCCATGAAAGCCGGGGGTACCTGAAAGCCGTGACCGCGAGGGTCGGCCTAGGGTAAGACCGGTGATTGGGGCT

Try read 1: M00967\_43\_000000000-A3JHG\_1\_1101\_14069\_1827 (suppose 100% match)

TACGGAGGATGCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGTGCGTAGGCGGCCTGCCAAGTCAGCGGTAAAATTGCGGGGCTCAACCCCGTACAGCCGTTGAAACTGCCGGGCTCGAGTGGGCGAGAAGTATGCGGAATGCGTGGTGTAGCGGTGAAATGCATAGATATCACGCAGAACCCCGATTGCGAAGGCAGCATACCGGCGCCCTACTGACGCTGAGGCACGAAAGTGCGGGGATCAAACAGG

Read 2: M00967\_43\_000000000-A3JHG\_1\_1101\_13234\_1983 (shall not match)

TACGGAGGATGCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGTGCGCAGGCGGAAGATCAAGTCAGCGGTAAAATTGAGAGGCTCAACCTCTTCGAGCCGTTGAAACTGGTTTTCTTGAGTGAGCGAGAAGTATGCGGAATGCGTGGTGTAGCGGTGAAATGCATAGATATCACGCAGAACTCCGATTGCGAAGGCAGCATACCGGCGCTCAACTGACGCTCATGCACGAAAGTGTGGGTATCGAACAGG

Read3: M00967\_43\_000000000-A3JHG\_1\_1101\_14203\_2907 (shall not match)

TACGGAGGATGCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGTGCGTAGGCGGGCTGTTAAGTCAGCGGTCAAATGTCGGGGCTCAACCCCGGCCTGCCGTTGAAACTGGCGGCCTCGAGTGGGCGAGAAGTATGCGGAATGCGTGGTGTAGCGGTGAAATGCATAGATATCACGCAGAACTCCGATTGCGAAGGCAGCATACCGGCGCCCGACTGACGCTGAGGCACGAAAGCGTGGGTATCGAACAGG

Read4: M00967\_43\_000000000-A3JHG\_1\_1101\_7379\_5693 (shall not match)

TACGGAGGATGCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGTGCGTAGGCGGGCTGTTAAGTCAGCGGTCAAATGTCGGGGCTCAACCCCGGCCTGCCGTTGAAACTGGCGGCCTCGAGTGGGCGAGAAGTATGCGGAATGCGTGGTGTAGCGGTGAAATGCATAGATATCACGCAGAACTCCGATTGCGAAGGCAGCATACCGGCTCCCGACTGACGCTGAGGCACGAAAGCGTGGGTATCGAACAGG