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**Sequence:**

As compared to GenBank KJ698267.1

 444 mismatches

 2 gaps/insertions

CCAGGCGGGCCATTTACCGTCATTGACGTCAATAGGGGGCGGACTTGGCATATGATACACTTGATGTACTGCCAAGTGGGCAGTTTACCGTAAATACTCCACCCATTGACGTCAATGGAAAGTCCCTATTGGCGTTACTATGGGAACATACGTCATTATTGACGTCAATGGGCGGGGGTCGTTGGGCGGTCAGCCAGGCGGGCCATTTACCGTAAGTTATGTAACGCGGAACTCCATATATGGGCTATGAACTAATGACCCCGTAATTGATTACTATTAATAACTAGTCAATAATCAATGTCAACATGGCGGTCATATTGGACATGAGCCAATATAAATGTACATATTATGATATAGATACAACGTATGCAATGGCCAATAGCCAATAATTCCCTCCCCGCCCAGTTCCGCCCATTCTCCGCCCCATGGCTGACTAATTTTTTTTTATTTATGCAGAGGCCGAGGCCGCCTCGGCCTCTGAGCTATTCCAGAAGTAGTGAGGAGGCTTTTTTGGAGGCCTAGGCTTTTGCAAAAAGCTTGGAATCAGGGGATAACGCAGGAAAGAACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCCATAGGCTCCGCCCCCCTGACGAGCATCACAAAAATCGACGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGTTTCCCCCTGGAAGCTCCCTCGTGCGCTCTCCTGTTCCGACCCTGCCGCTTACCGGATACCTGTCCGCCTTTCTCCCTTCGGGAAGCGTGGCGCTTTCTCATAGCTCACGCTGTAGGTATCTCAGTTCGGTGTAGGTCGTTCGCTCCAAGCTGGGCTGTGTGCACGAACCCCCCGTTCAGCCCGACCGCTGCGCCTTATCCGGTAACTATCGTCTTGAGTCCAACCCGGTAAGACACGACTTATCGCCACTGGCAGCAGCCACTGGTAACAGGATTAGCAGAGCGAGGTATGTAGGCGGTGCTACAGAGTTCTTGAAGTGGTGGCCTAACTACGGCTACACTAGAAGGACAGTATTTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGGAAAAAGAGTTGGTAGCTCTTGATCCGGCAAACAAACCACCGCTGGTAGCGGTGGTTTTTTTGTTTGCAAGCAGCAGATTACGCGCAGAAAAAAAGGATCTCAAGAAGATCCTTTGATCTTTTCTACGGGGTCTGACGCTCAGTGGAACGAAAACTCACGTTAAGGGATTTTGGTCATGAGATTATCAAAAAGGATCTTCACCTAGATCCTTTTAAATTAAAAATGAAGTTTTAAATCAATCTAAAGTATATATGAGTAAACTTGGTCTGACAGTTACCAATGCTTAATCAGTGAGGCACCTATCTCAGCGATCTGTCTATTTCGTTCATCCATAGTTGCCTGACTCCCCGTCGTGTAGATAACTACGATACGGGAGGGCTTACCATCTGGCCCCAGTGCTGCAATGATACCGCGAGACCCACGCTCACCGGCTCCAGATTTATCAGCAATAAACCAGCCAGCCGGAAGGGCCGAGCGCAGAAGTGGTCCTGCAACTTTATCCGCCTCCATCCAGTCTATTAATTGTTGCCGGGAAGCTAGAGTAAGTAGTTCGCCAGTTAATAGTTTGCGCAACGTTGTTGCCATTGCTGCAGGCATCGTGGTGTCACGCTCGTCGTTTGGTATGGCTTCATTCAGCTCCGGTTCCCAACGATCAAGGCGAGTTACATGATCCCCCATGTTGTGCAAAAAAGCGGTTAGCTCCTTCGGTCCTCCGATCGTTGTCAGAAGTAAGTTGGCCGCAGTGTTATCACTCATGGTTATGGCAGCACTGCATAATTCTCTTACTGTCATGCCATCCGTAAGATGCTTTTCTGTGACTGGTGAGTACTCAACCAAGTCATTCTGAGAATAGTGTATGCGGCGACCGAGTTGCTCTTGCCCGGCGTCAACACGGGATAATACCGCGCCACATAGCAGAACTTTAAAAGTGCTCATCATTGGAAAACGTTCTTCGGGGCGAAAACTCTCAAGGATCTTACCGCTGTTGAGATCCAGTTCGATGTAACCCACTCGTGCACCCAACTGATCTTCAGCATCTTTTACTTTCACCAGCGTTTCTGGGTGAGCAAAAACAGGAAGGCAAAATGCCGCAAAAAAGGGAATAAGGGCGACACGGAAATGTTGAATACTCATACTCTTCCTTTTTCAATATTATTGAAGCATTTATCAGGGTTATTGTCTCATGAGCGGATGAGTTTGGACAAACCACAACTAGAATGCAGTGAAAAAAATGCTTTATTTGTGAAATTTGTGATGCTATTGCTTTATTTGTAACCATTATAAGCTGCAATAAACAAGTTAACAACAACAATTGCATTCATTTTATGTTTCAGGTTCAGGGGGAGGTGTGGGAGGTTTTTTAAAGCAAGTAAAACCTCTACAGATGTGATATGGCTGATTATGATCATTACTTATCTAGGTCGACTGAATTCTACGCGTTCAAAGCAAAGCTCTCTCAAAGCCTTGTCTGATGCGTCTGGGGATGTGAAGAAAAGCTCTGAAGCTTCTTCTGACCACTTCAATGATTCTGTCTGTTCCTTCAGCCACTGCAATGGCAATGACATTGAAGAGTGAAGATGCACTGTTCTTGAGTTCTTTGGACCAATACTGAAGAAGACTCCACCAATATTTGAGGATTTCCCAGCCCCGTCTCCCCAGAAGTTCCACAATTCTGGCTGCAATGAGGAGGCTGTCTCTCAAACGATGGTAGATGAAGAGGCAAAGGCTTCTGAGGTCCACCCAGATGAGGGCCAGGAAGCCATCAACTAACTGCCCACTTCTGTCTTTGTCTCTCTCTCCACCATCTTCTTCAATGCCTTCTGGTCTGTCTGGTCCCCGTGGGGCTGGAAGTCTTGTCTGAAATGACAATGGTGAGTAGCCTTGTCTAACTCTGTTGACTATGCTGAGCACTGTGAAGACTATGCGCAGGCCAATGAGGCCACCAACCACCATGATGAAGATTTTGATGTACCAAAGCCATTTGGTGATGCTGAACCAATTCCACAAAGATGCCCATTTGTCTAACTCCAAGAGTTCTTGTTCATTCTTCTCTTGTTGGTTCTGGCTCTCTTCAATGAGGGTGTAGATGAGTTCTGTGTAGTTGTCAATCTCTTTCTCCCACTGTTGCCAGGTCATGTTGTCCCAGATGGCTTTCAAAGATTTATTTGACCATGAGGTGTTCCATGGCACTGTAGTTGTGCAGATGAGTTTTCCACTGCAGCCCCAAATCCCAAGTAACTGTTGGTCTTTGAGGTATCTCTCAATAGCTAAGATGCGTGCTTGTAACTGTTTGATGCCCCACACTGTTAACTGAAGAAGATGTTGTTGGGCCTCGATGGCTCTCAGCAAATTCTGTTGTTGTTGCACAATGCCACTCATCAATTGTCTGGCTTGGACTGTCAAAGTCATACTGGCAGCGCCCATAGTTGAGCCAGCAGCGCCCAAGAAGCCAAAGAGCACAGCGCCCATGCCCACTGCTCTCTTCTCTCTCTGGACCACACGTCTCTTGGCTCTGGTGGGGGCCACACCCAAAGGCTCGATTTTGACCACTTTGTATTTGTAGAGTTCACTTCTCCAATTGTCTCTCATGTCTCCACCACCAGGTCTGAAGGTCTCCGTCTCCGTCTCATTGCTGTTGCCCCCGTCTCTGGTGAGGAGAAGGCCAGTAATATTTGAAGAGCATCTGATTTGGCCTTTGATGGGAGGTGCATACATAGCTTTGCCCACTTGTTGCCACATGTTGATGATTTGTTTTATTCTGCATGGAAGAATAATTGTCTCATTGCTTCTCTCCGTGTTGTTGCCAGTGCTGTCATAGTTCCAGCTGCTGTTCCAGCTGCTGTTGAAGAGCTGTGTTGTGTTGCAGAAGAAGAATTCTCCACCACAGTTGAAACTATGCATCACAATCTCTGGGTCACCACCTGAAGACTGGTTGAAGACTATGGTCTTGTTGTTGCCCACTTGTTCTCTGAGTTTGGTCACAATCTGTTTGAGGGTGTCATTCCATTCTGTCTTGGAGATGTTGCAATGGGCTTGTCTGATGTCTCCAGTGATGGCTCCAGTGGCATACCATGCTCTCCCAGGTCCAATGTGGATGCTCTTTCTGGTGTTGTTGCTGGGTCTGGTGCAATTTATTTTAACTGCTTCTTTTAACTGGACTATGATGGTCTTCACATTGTTGGTGATGTTCTCACTTCTGATGACCACTTCTTCTTCAGCCAAAGAGCCATTGAGGAGTAACTGGGTGGACACCACTGGTCTGATGCCATGGGTGCACTGCACTGTGGTGACTTTCTTGCATGGCCCAGTTCCATTGAATTTTGTCTCATTGCACTTCAAAATGGCAAAGCCAGCTGGGGCACAATAATGGATGGGAATTGGCTCAAAGGTGACTTTTGGACAGGCTTGGGTAATAACTGAGGTGTTGCATGAGATGAGTCTGTAGCTATTGTTGTTGTTTCTCCCCTCCAAAGGGACCACATCAAGTTTGTAGAGAAGGGCTCTCTCTTCTTGCATCTTTCCTTGGATGGATGTTGTCACATTGAAGCTGCAGTTCTTTATTTCTCCTTTCTCCATCAATCTCCAGCTGCTGTTGTTTGTTGAGGTGTCATTTCCCCAATCTGTGCAATTCAAAGTCACACACAATGGTGTCAGTTTCACACATGGCTTGAGGCTCTGCTCCCACAAAGAGATGATGTCTTCATGCATCTGCTCCACCATGTGGTTCTTCCACATGTTGAAGTTCTCTGTCACATTGACCAATTCTATTTCTTGAGGGTTGGGGTCTGTTGGGACACAGGCATGTGTTGCCCACACATTGTGGACTTCTGTCTTGTAGGCTTTGGCATCCGATGCACAAAACAAAGTGGTGGTGGCTTCTTTCCACACTGGCACTCCATAGTACACTGTCACCCAAAGGTCTTCTGTGCTAGCGCTGGGCGAAACGAAGACTGCTCCACACAGCAGCAGCACACAGCAGAGCCCTCTCTTCATTGCATCCATGATTGCTTCACAGCGTCCCTTAAATTCACGGCTTGCTCCTTCCCTTTCCTCGCAGAGGTTTTCTCTCCAGCCCTGGACTCCTGTAGGATCTCAGCTCTGTCGACGACGGTGACTGCAGAAAAGACCCATGGAAAGGAACAGTCTGTTAGTCTGTCAGCTATTATGTCTGGTGGCGCGCGCGGCAGCAACGAGTACTGCTCAGACTACACTGCCCTCCACCGTTAACAGCACCGCAACGGGAGTTACCTCTGACTCTTATCAGAATACAACAACTCAGCTGCCTGCATCTTCTTCTGCCGCTGCCTTAAGTCTTCCATCTGCGTCAGCGGTGCGAGCCCAATCTCCGAGCTCATTTTCAGACACATACCCTACCGCCACGGCCTTGTGCGGCACACTGGTGGTGGTGGGCATTGTGCTGTGCCTAAGTCTGGCCTCCACTGTTAGGAGCAAGGAGCTGCCGAGCGACCATGAGCCGCTGGAGGCATGGGACCAGGGCTCGGATGTGGAAGCTCCGCCGCTACCGGAGAAGAGCCCATGTCCGGAACACGTACCCGAGATTCGCGTGGAGATCCCACGCTATGTTTAATAAAAACTGCGGGCACGGGGGACGGCGTTGTTGTATATGTGAATTTGTAAATAATAAATGGGACCCCATCCTGTAAAAATACAGAGTCCGTGTCAGTCTCTGAAGGACAGAGTATTGGCATATAGCCAATAGAGATAGTTGTGGCAAAGAGCCATGTTATGGATTAGTAATGGAAAGTATCGTCACCAATAGGGGAGTGGTCAATAATGGTCAATAACCCACACCTATAGGCTAAGCTATACCATCACCTATAGCATAAGGAAGCGGGGGTGTATAGGCCCCAAGCCAAAAACAGTATAGCATGCATAAGAGCCAAAGGGGTGTGCCTATAGAGTCTATAGGCGGTACTTACGTCACTCTTGGCACGGGGAATCCGCGTTCCAATGCACCGTTCCCGGCCGCGGAGGCTGGATCGGTCCCGGTGTCTTCTATGGAGGTCAAAACAGCGTGGATGGCGTCTCCAGGCGATCTGACGGTTCACTAAACGAGCTCTGCTTATATAGACCTCCCACCGTACACGCCTACCGCCCATTTGCGTCAACGGGGCGGGGTTATTACGACATTTTGGAAAGTCCCGTTGATTTTGGTGCCAAAACAAACTCCCATTGACGTCAATGGGGTGGAGACTTGGAAATCCCCGTGAGTCAAACCGCTATCCACGCCCATTGGTGTACTGCCAAAACCGCATCACCATGGTAATAGCGATGACTAATACGTAGATGTACTGCCAAGTAGGAAAGTCCCGTAAGGTCATGTACTGGGCATAATG

\*Next generation sequencing and *de novo* assembly of plasmid performed by the Fisher BioServices Commercial Services Laboratory (MD, USA).