



Sequence:

As compared to GenBank KJ698252.1:

460 mismatches

5 gaps/insertions

CTGATTATGATCATTACTTATCTAGGTCGACTGAATTCTACGCGTTCAAAGCAAAGCTCTCTCA
AAGCCTTGTCTGATGCGTCTGGGATGTGAAGAAAAGCTCTGAAGCTTCTTCTGACCACTTCAA

Plasmid Map and Sequence File

Lot# 170310

TGATTCTGTCTGTTCCCTTCAGCCACTGCAATGGCTGTCACATTAATCAAAGATGAGGCACTGTT
CTTGAGTTCCTTTGGACCAATACTGAAGAAGGTTCCACCAATATTTGAGGATTTCCCAGCCCCGT
CTCCCCAGAAGTTCACAATCTGGCTGCAATGAGGAGGCTGTCTCTCAAACGATGGTAGATGA
AGAGGTAGAGGCTTCTGAGGTCCACCCAGAACAAAGCCAGGAAGCCACCAACTAACTGCCCACT
TCTGTCTTTGTCTCTCTCTCCACCATCTTCTTCAATGCCTTCTGGTCTGTCTGGTCCCCGTGGG
GCTGGAAGTCTTGTCTGAAATGACAATGGTGTAGTGCCTTGTCTAACTCTGTTGACTATGCTGA
GCAC TGTGAAGACTATGCGCAGGCCAATGAGGCCACCAACCACCATGATGAAGATTTTGATGTA
CCAAAGCCATTTGGTGTATGCTGAACCAATTCCACAAAGATGCCATTTGTCTAACTCCAAGAGT
TCTTGTTCAATCTTCTCTTGTGGTTCTGGCTCTCTTCAATGAGGGTGTAGATGAGTCTGTGT
AGTTGTCAATCTCTTTCTCCCACTGTTGCCAGGTCATGTTCTGCCAGATGGCTTCCAAAGATTT
ATTTGACCATGAGGTGTTCCATGGCACTGTAGTTGTGCAGATGAGTTTTCCACTGCAGCCCCAA
ATCCCAAGTAACTGTTGGTCTTTGAGGTATCTCTCAATAGCTAAGATGCGTGCTTGTAAGTGT
TGATGCCCCACACTGTTAACTGAAGAAGATGTTGTTGGGCCTCGATGGCTCTCAGCAAATCTT
CTGTTGTTGCACAATGCCACTCATCAATGTCTGGCTTGGACTGTCAAAGTCATACTGGCAGCG
CCCATAGTTGAGCCAGCAGCGCCCAAGAAGCCAAAGAGCACAGCGCCCATGCCCACTGCTCTCT
TCTCTCTGGACCACACGTCTCTTGGCTTTGGTGGGGGCCACACCCAAAGGCTCGATTTTCCAC
AATCTTGATTTGTAGAGTTCACTTCTCCAATTGTCTCTCATGTCTCCACCACCAGGTCTGAAG
GTCTCTGTCACATGCTGTTGCCCCCGTCTCTGGTGTAGGAGAAGGCCAGTAATATTTGAAGAGC
ATCTGATTTGGCCTTTGATGGGAGGTGCATACATAGCTTTGCCCACTTCTTGCCACATGTTGAT
GATTTGTTTTATTCTGCATGGAAGAATAATTGTCTCATTGCTTCTCTCCGTGTTGTTGCCAGTG
CTGTTGTAGTTCCAGCTGCTGTTGAAGAGCTGTGTTGTGTTGCAGAAGAAGAATTCTCCACCAC
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CAGGTCCAATGGGGATGCTCTTTCTGGTGTGTTGTTGGGTCTGGTGCAATTTATTTAACTGC
TTCTCTCAGCTGGACTATGATGGTCTTTCACATGTTGGTGAAGTTCTCACTTCTGATGACCCT
TCTTCTTCAGCCAAAGAGCCATTGAGGAGTAACTGGGTGGACACCCTGGTCTGATGCCATGGG
TGCAC TGCAC TGTGGT GACTTTCTTGCATGGCCAGTTCATTGAATTTTGTCTCATTGCACTT
CAAATGGCAAAGCCAGCTGGGGCACAATAATGGATGGGAATTGGCTCAAAGGTGACTTTTGA
CAGGCTTGGGTAATAACTGAGGTGTTGCATGAGATGAGTCTGTAGCTATTATTTCCACCATCAA
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CTTCCACATGTTGAAGTTCTCTGTACATTGACCAATTCTATTTCTTGTAGGGTTGGGGTCTGTT
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CACAAAACAAAGTGGTGGTGGCTTCTTTCCACACTGGCACTCCATAGTACACTGTCACCCACAA
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CCTCTCTTCAATGCATCCATGATGCTTACAGCGTCCCTTAAATTCACGGCTTGCTCCTTCCC
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CGGGAGTTACCTCTGACTCTTATCAGAATAACAACACTCAGCTGCCTGCATCTTCTTCTGCCGC
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TACCCTACCGCCACGGCCTTGTGCGGCACACTGGTGGTGGTGGCATTGTGCTGTGCCTAAGTC
TGGCCTCCACTGTTAGGAGCAAGGAGCTGCCGAGCGACCATGAGCCGCTGGAGGCATGGGACCA
GGGCTCGGATGTGGAAGCTCCGCCGCTACCGGAGAAGAGCCCATGTCCGGAACACGTACCCGAG

Plasmid Map and Sequence File

Lot# 170310

ATTCGCGTGGAGATCCCACGCTATGTTTAATAAAAACTGCGGGCACGGGGGACGGCGTTGTTGT
ATATGTGAATTTGTAAATAATAAATGGGACCCATCCTGTAAAAATACAGAGTCCGTGTCAGTC
TCTGAAGGACAGAGTATTGGCATATAGCCAATAGAGATAGTTGTGGCAAAGAGCCATGTTATGG
ATTAGTAATGGAAAGTATCGTCACCAATAGGGGAGTGGTCAATAATGGTCAATAACCCACACCT
ATAGGCTAAGCTATAACCATCACCTATAGCATAAGGAAGCGGGGTGTATAGGCCCAAGCCAAA
AACAGTATAGCATGCATAAGAGCCAAAGGGGTGTGCCTATAGAGTCTATAGGCGGTACTTACGT
CACTCTTGGCACGGGGAATCCGCGTTCCAATGCACCGTTCGCCGGCCGGAGGCTGGATCGGTC
CCGGTGTCTTCTATGGAGGTCAAACAGCGTGGATGGCGTCTCCAGGCGATCTGACGGTTCACT
AAACGAGCTCTGCTTATATAGACCTCCACCGTACACGCCTACCGCCATTTGCGTCAACGGGG
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GTCAATGGGGTGGAGACTTGGAAATCCCCGTGAGTCAAACCGCTATCCACGCCCATTTGGTGTAC
TGCCAAAACCGCATCACCATGGTAATAGCGATGACTAATACGTAGATGTACTGCCAAGTAGGAA
AGTCCCGTAAGGTCATGTACTGGGCATAATGCCAGGCGGGCCATTTACCGTCATTGACGTCAAT
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GCCGCGTTGCTGGCGTTTTTCCATAGGCTCCGCCCCCTGACGAGCATCACAAAAATCGACGCT
CAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGTTTCCCCCTGGAAGCTC
CCTCGTGCCTCTCCTGTTCCGACCCTGCCGCTTACCGGATACCTGTCCGCTTTCTCCCTTCG
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CCAAGCTGGGCTGTGTGCACGAACCCCCGTTTACGCCGACCGCTGCGCCTTATCCGGTAACTA
TCGTCTTGAGTCCAACCCGGTAAGACACGACTTATCGCCACTGGCAGCAGCCACTGGTAACAGG
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TGGTAGCTCTTGATCCGGCAAACAACCACCGCTGGTAGCGGTGGTTTTTTTTGTTTGCAAGCAG
CAGATTACGCGCAGAAAAAAGGATCTCAAGAAGATCCTTTGATCTTTTCTACGGGGTCTGACG
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CTAGATCCTTTTAAATTAATAAATGAAGTTTTAAATCAATCTAAAGTATATATGAGTAACTTGG
TCTGACAGTTACCAATGCTTAATCAGTGAGGCACCTATCTCAGCGATCTGTCTATTTCTGTTTCAT
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CAGTGCTGCAATGATACCGCGAGACCCACGCTCACCGGCTCCAGATTTATCAGCAATAAACCCAG
CCAGCCGGAAGGGCCGAGCGCAGAAGTGGTCTGCAACTTTTATCCGCCTCCATCCAGTCTATTA
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TGCTGCAGGCATCGTGGTGTACGCTCGTTCGTTTGGTATGGCTTCATTCAGCTCCGGTTCCCAA
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CGATCGTTGTGAGAAGTAAGTTGGCCGAGTGTATCACTCATGGTTATGGCAGCACTGCATAA
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TTCTGAGAATAGTGTATGCGGCGACCGAGTTGCTCTTGCCCGGCGTCAACACGGGATAATACCG
CGCCACATAGCAGAACCTTTAAAAGTGCTCATCATTTGGAAAACGTTCTTCGGGGCGAAAACCTCTC
AAGGATCTTACCGCTGTTGAGATCCAGTTCGATGTAACCCACTCGTGCACCCAACCTGATCTTCA
GCATCTTTTACTTTCACCAGCGTTTCTGGGTGAGCAAAAACAGGAAGGCAAAATGCCGCAAAA

Plasmid Map and Sequence File

Lot# 170310

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