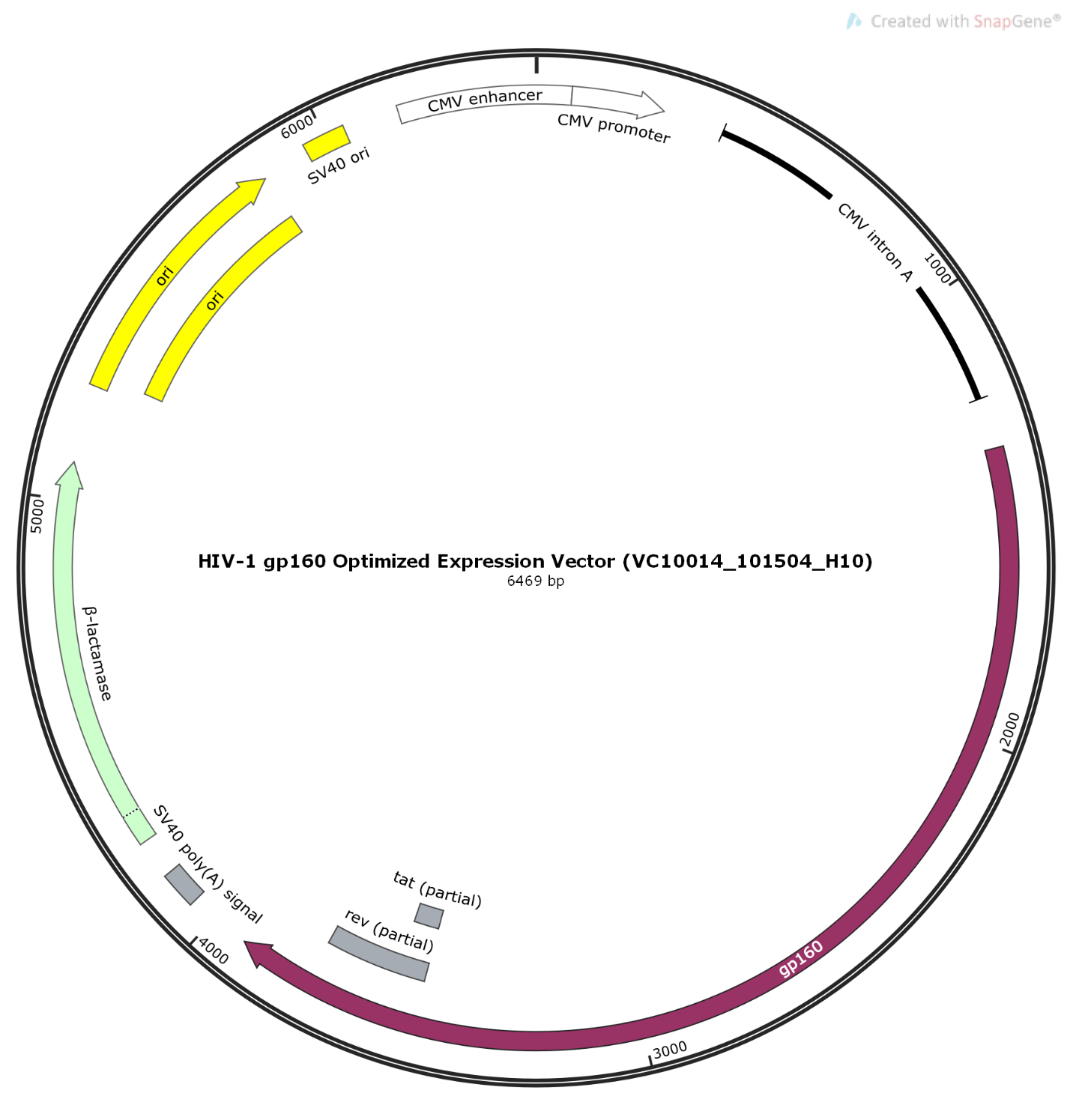
****

**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).