# **Figure 1: Complete Plasmid Sequence of NR-54979**

>NR-54979 lot 70043626 complete plasmid sequence

GTCGACATTGATTATTGACTAGTTATTAATAGTAATCAATTACGGGGTCATTAGTTCATAGCCCATATATGGAGTTCCGCGTTACATAACTTACGGTAAATGGCCCGCCTGGCTGACCGCCCAACGACCCCCGCCCATTGACGTCAATAATGACGTATGTTCCCATAGTAACGCCAATAGGGACTTTCCATTGACGTCAATGGGTGGAGTATTTACGGTAAACTGCCCACTTGGCAGTACATCAAGTGTATCATATGCCAAGTACGCCCCCTATTGACGTCAATGACGGTAAATGGCCCGCCTGGCATTATGCCCAGTACATGACCTTATGGGACTTTCCTACTTGGCAGTACATCTACGTATTAGTCATCGCTATTACCATGGTCGAGGTGAGCCCCACGTTCTGCTTCACTCTCCCCATCTCCCCCCCCTCCCCACCCCCAATTNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNGGGGCGGGGCGAGGCGGAGAGGTGCGGCGGCAGCCAATCAGAGCGGCGCGCTCCGAAAGTTTCCTTTTATGGCGAGGCGGCGGCGGCGGCGGCCCTATAAAAAGCGAAGCGCGCGGCGGGCGGGAGTCGCTGCGCGCTGCCTTCGCCCCGTGCCCCGCTCCSCCGCCGCCTCGCGCCGCCCGCCCCGGCTCTGACTGACCGCGTTACTCCCACAGGTGAGCGGGCGGGACGGCCCTTCTCCTCCGGGCTGTAATTAGCGCTTGGTTTAATGACGGCTTGTTTCTTTTCTGTGGCTGCGTGAAAGCCTTGAGGGGCTCCGGGAGGGCCCTTTGTGCGGGGGGAGCGGCTCGGGGGGTGCGTGCGTGTGTGTGTGCGTGGGGAGCGCCGCGTGCGGCTCCGCGCTGCCCGGCGGCTGTGAGCGCTGCGGGCGCGGCGCGGGGCTTTGTGCGCTCCGCAGTGTGCGCGRGCTGTCCGCGGGGGGACGGCTGCCTTCGGGGGGGACGGGGCAGGGCGGGGTTCGGCTTCTGGCGTGTGACCGGCGGCTCTAGCGCCTCTGCTAACCATGTTCATGCCTTCTTCTTTTTCCTACAGCTCCTGGGCAACGTGCTGGTTGTTGTGCTGTCTCATCATTTTGGCAAAGAATTGCGGCCGTCTCAGGCCGAGTTCGGTACCGCCACCATGTTCCTGATCCTGCTGATCAGCCTGCCTACCGCCTTTGCCGTGATCGGCGACCTGAAGTGCCCACTGGATAGCCGGACAGGCTCCCTGAACAATATCGACACCGGCCCCCCTTCCATCTCTACCGCCACAGTGGATGTGACAAATGGCCTGGGCACCTACTATGTGCTGGACAGGGTGTATCTGAATACCACACTGTTCCTGAACGGCTACTATCCCACCAGCGGCTCCACATACCGCAACATGGCCCTGAAGGGCACAGATAAGCTGTCCACCCTGTGGTTTAAGCCACCCTTCCTGTCTGACTTTATCAATGGCATCTTCGCCAAGGTGAAGAACACCAAGGTGTTTAAGGATGGCGTGATGTATTCTGAGTTCCCCGCCATCACCATCGGCAGCACATTTGTGAACACCTCTTACAGCGTGGTGGTGCAGCCTAGGACAATCAATTCTACCCAGGACGGCGTGAACAAGCTGCAGGGCCTGCTGGAGGTGAGCGTGTGCCAGTATAATATGTGCGAGTACCCCCACACAATCTGCCACCCTAAGCTGGGCAACCACTTCAAGGAGCTGTGGCACATGGATACCGGCGTGGTGTCCTGTCTGTATAAGCGCAACTTCACCTACGACGTGAACGCCACCTATCTGTACTTCCACTTTTACCAGGAGGGCGGCACATTCTATGCCTACTTTACCGATACAGGCGTGGTGACCAAGTTCCTGTTCAACGTGTACCTGGGCATGGCCCTGAGCCACTACTATGTGATGCCACTGACATGCATCTCCCGGAGAGATATCGGCTTCACCCTGGAGTATTGGGTGACCCCCCTGACATCCCGGCAGTACCTGCTGGCCTTCAATCAGGACGGCATCATCTTTAACGCCGTGGACTGCATGTCTGACTTCATGAGCGAGATCAAGTGTAAGACACAGAGCATCGCCCCTCCAACCGGCGTGTATGAGCTGAACGGCTACACCGTGCAGCCCATCGCCGACGTGTACAGGCGCAAGCCAGATCTGCCCAACTGCAATATCGAGGCCTGGCTGAATGACAAGTCCGTGCCCTCTCCTCTGAACTGGGAGAGAAAGACCTTCAGCAACTGTAACTTCAACATGAGCTCCCTGATGTCTTTCATCCAGGCCGACAGCTTTACATGCAACAATATCGATGCCGCCAAGATCTACGGCATGTGCTTCTCTAGCATCACCATCGACAAGTTTGCCATCCCTAACGGCCGGAAGGTGGATCTGCAGCTGGGCAATCTGGGCTATCTGCAGTCTTTCAACTACAGAATCGATACCACAGCCACAAGCTGCCAGCTGTACTATAATCTGCCAGCCGCCAACGTGTCCGTGTCTCGGTTCAATCCCTCCACCTGGAACAAGAGATTCGGCTTTATCGAGAATAGCGTGTTCAAGCCACAGCCAGCAGGCGTGCTGACAAACCACGACGTGGTGTACGCCCAGCACTGTTTCAAGGCCCCAAAGAATTTTTGCCCCTGTAAGCTGAACTCCTCTCTGTGCGTGGGCTCCGGACCAGGCAAGAACAATGGCATCGGCACCTGTCCCGCCGGCACAAACTATCTGACCTGCCACAACCTGTGCAACCCTGATCCAATCACCTTCACAGGCCCCTACAAGTGCCCTCAGACCAAGAGCCTGGTGGGAATCGGAGAGCACTGCTCCGGACTGGCCGTGAAGTCTGACTACTGTGGCGGCAATCCTTGCACATGTCAGCCACAGGCCTTCCTGGGATGGAGCGCCGACTCCTGCCTGCAGGGCGATAAGTGTAATATCTTTGCCAACCTGATCCTGCACGATGTGAACTCTGGCCTGACCTGCAGCACAGACCTGCAGAAGGCCAATACCGATATCAAGCTGGGCGTGTGCGTGAACTATGACCTGTATGGCATCTCCGGCCAGGGCATCTTCGTGGAAGTGAATGCCACATACTATAATTCCTGGCAGAACCTGCTGTACGACTCTAATGGCAACCTGTATGGCTTCAGGGATTACATCACCAATCGGACCTTCATGATCAGATCTTGCTATAGCGGACGCGTGAGCGCCGCATTCCACGCAAACAGCTCCGAGCCTGCCCTGCTGTTCAGGAATATCAAGTGCAACTACGTGTTTAACAATTCCCTGATCCGCCAGCTGCAGCCAATCAACTATTTTGATTCTTACCTGGGCTGCGTGGTGAATGCCTACAACAGCACCGCCATCTCTGTGCAGACATGCGACCTGACCGTGGGCTCCGGCTATTGCGTGGATTACTCCAAGAATCGGAGATCTAGGCGCGCCATCACCACAGGCTACAGGTTCACAAACTTTGAGCCTTTCACCGTGAATAGCGTGAACGACTCCCTGGAGCCTGTGGGCGGCCTGTATGAGATCCAGATCCCAAGCGAGTTCACCATCGGCAACATGGAGGAGTTTATCCAGACATCTAGCCCAAAGGTGACCATCGACTGCGCAGCCTTCGTGTGCGGCGATTATGCCGCCTGCAAGTCTCAGCTGGTGGAGTACGGCAGCTTTTGTGATAATATCAACGCCATCCTGACCGAAGTGAATGAGCTGCTGGACACCACACAGCTGCAGGTGGCCAATAGCCTGATGAACGGCGTGACCCTGTCCACAAAGCTGAAGGACGGCGTGAATTTCAACGTGGACGATATCAACTTTTCCTCTGTGCTGGGCTGCCTGGGCTCCGAGTGTTCTAAGGCAAGCTCCCGGAGCGCCATCGAGGACCTGCTGTTCGATAAGGTGAAGCTGTCCGATGTGGGCTTTGTGGCCGCCTATAACAATTGCACCGGCGGCGCCGAGATCAGAGACCTGATCTGCGTGCAGAGCTACAAGGGCATCAAGGTGCTGCCCCCTCTGCTGAGCGAGAACCAGATCTCCGGCTATACACTGGCAGCCACCAGCGCCTCCCTGTTCCCACCATGGACAGCAGCAGCAGGCGTGCCCTTTTATCTGAATGTGCAGTACCGCATCAACGGCCTGGGCGTGACCATGGACGTGCTGTCCCAGAATCAGAAGCTGATCGCCAACGCCTTCAACAATGCCCTGGACGCCATCCAGGAGGGCTTTGATGCCACCAATAGCGCCCTGGTGAAGATCCAGGCCGTGGTGAATGCCAACGCCGAGGCCCTGAACAATCTGCTGCAGCAGCTGTCCAACCGGTTCGGCGCCATCTCTAGCTCCCTGCAGGAGATCCTGTCTAGACTGGACCCTCCAGAGGCCGAGGCCCAGATCGATAGGCTGATCAATGGCCGCCTGACAGCCCTGAACGCCTACGTGAGCCAGCAGCTGTCTGATAGCACCCTGGTGAAGTTCTCCGCCGCCCAGGCCATGGAGAAAGTGAATGAGTGCGTGAAGTCTCAGTCTAGCCGGATCAACTTTTGTGGCAATGGCAACCACATCATCAGCCTGGTGCAGAACGCCCCATATGGCCTGTACTTTATCCACTTCTCTTATGTGCCCACAAAGTACGTGACCGCCAAGGTGAGCCCTGGACTGTGCATCGCAGGCGACAGAGGAATCGCACCAAAGAGCGGCTATTTCGTGAATGTGAACAATACATGGATGTACACCGGCTCCGGCTACTATTACCCCGAGCCTATCACCGAGAACAATGTGGTGGTCATGTCCACATGTGCCGTGAACTATACCAAGGCCCCCTACGTGATGCTGAATACCTCTACACCTAACCTGCCAGACTTCAGGGAGGAGCTGGATCAGTGGTTTAAGAATCAGACAAGCGTGGCCCCTGACCTGTCCCTGGATTACATCAACGTGACCTTTCTGGACCTGCAGGTGGAGATGAATCGCCTGCAGGAGGCCATCAAGGTGCTGAACGGATCCGGATACATCCCCGAGGCCCCCAGAGATGGCCAGGCCTACGTGCGGAAGGACGGCGAGTGGGTACTGCTGAGCACATTCCTGGGCAGATCCCTGGAGGTGCTGTTCCAGGGCCCAGGCCATCACCACCATCACCACCATCATAGCGCCTGGTCCCACCCCCAGTTCGAGAAGGGCGGCGGTAGTGGAGGGGGCGGATCTGGCGGCTCAGCTTGGAGCCACCCCCAGTTCGAAAAGTGATAATGACTCGAGCGATAATTCACTCCTCAGGTGCAGGCTGCCTATCAGAAGGTGGTGGCTGGTGTGGCCAATGCCCTGGCTCACAAATACCACTGAGATCTTTTTCCCTCTGCCAAAAATTATGGGGACATCATGAAGCCCCTTGAGCATCTGACTTCTGGCTAATAAAGGAAATTTATTTTCATTGCAATAGTGTGTTGGAATTTTTTGTGTCTCTCACTCGGAAGGACATATGGGAGGGCAAATCATTTAAAACATCAGAATGAGTATTTGGTTTAGAGTTTGGCAACATATGCCCATATGCTGGCTGCCATGAACAAAGGTTGGCTATAAAGAGGTCATCAGTATATGAAACAGCCCCCTGCTGTCCATTCCTTATTCCATAGAAAAGCCTTGACTTGAGGTTAGATTTTTTTTATATTTTGTTTTGTGTTATTTTTTTCTTTAACATCCCTAAAATTTTCCTTACATGTTTTACTAGCCAGATTTTTCCTCCTCTCCTGACTACTCCCAGTCATAGCTGTCCCTCTTCTCTTATGGAGATCCCTCGACCTGCAGCCCAAGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGAAGCATAAAGTGTAAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCGCTTTCCAGTCGGGAAACCTGTCGTGCCAGCGGATCGATCCGCTGCATTAATGAATCGGCCAACGCGCGGGGAGAGGCGGTTTGCGTATTGGGCGCTCTTCCGCTTCCTCGCTCACTGACTCGCTGCGCTCGGTCGTTCGGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTTATCCACAGAATCAGGGGATAACGCAGGAAAGAACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCCATAGGCTCCGCCCCCCTGACGAGCATCACAAAAATCGACGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGTTTCCCCCTGGAAGCTCCCTCGTGCGCTCTCCTGTTCCGACCCTGCCGCTTACCGGATACCTGTCCGCCTTTCTCCCTTCGGGAAGCGTGGCGCTTTCTCATAGCTCACGCTGTAGGTATCTCAGTTCGGTGTAGGTCGTTCGCTCCAAGCTGGGCTGTGTGCACGAACCCCCCGTTCAGCCCGACCGCTGCGCCTTATCCGGTAACTATCGTCTTGAGTCCAACCCGGTAAGACACGACTTATCGCCACTGGCAGCAGCCACTGGTAACAGGATTAGCAGAGCGAGGTATGTAGGCGGTGCTACAGAGTTCTTGAAGTGGTGGCCTAACTACGGCTACACTAGAAGAACAGTATTTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGGAAAAAGAGTTGGTAGCTCTTGATCCGGCAAACAAACCACCGCTGGTAGCGGTGGTTTTTTTGTTTGCAAGCAGCAGATTACGCGCAGAAAAAAAGGATCTCAAGAAGATCCTTTGATCTTTTCTACGGGGTCTGACGCTCAGTGGAACGAAAACTCACGTTAAGGGATTTTGGTCATGAGATTATCAAAAAGGATCTTCACCTAGATCCTTTTAAATTAAAAATGAAGTTTTAAATCAATCTAAAGTATATATGAGTAAACTTGGTCTGACAGTTACCAATGCTTAATCAGTGAGGCACCTATCTCAGCGATCTGTCTATTTCGTTCATCCATAGTTGCCTGACTCCCCGTCGTGTAGATAACTACGATACGGGAGGGCTTACCATCTGGCCCCAGTGCTGCAATGATACCGCGAGACCCACGCTCACCGGCTCCAGATTTATCAGCAATAAACCAGCCAGCCGGAAGGGCCGAGCGCAGAAGTGGTCCTGCAACTTTATCCGCCTCCATCCAGTCTATTAATTGTTGCCGGGAAGCTAGAGTAAGTAGTTCGCCAGTTAATAGTTTGCGCAACGTTGTTGCCATTGCTACAGGCATCGTGGTGTCACGCTCGTCGTTTGGTATGGCTTCATTCAGCTCCGGTTCCCAACGATCAAGGCGAGTTACATGATCCCCCATGTTGTGCAAAAAAGCGGTTAGCTCCTTCGGTCCTCCGATCGTTGTCAGAAGTAAGTTGGCCGCAGTGTTATCACTCATGGTTATGGCAGCACTGCATAATTCTCTTACTGTCATGCCATCCGTAAGATGCTTTTCTGTGACTGGTGAGTACTCAACCAAGTCATTCTGAGAATAGTGTATGCGGCGACCGAGTTGCTCTTGCCCGGCGTCAATACGGGATAATACCGCGCCACATAGCAGAACTTTAAAAGTGCTCATCATTGGAAAACGTTCTTCGGGGCGAAAACTCTCAAGGATCTTACCGCTGTTGAGATCCAGTTCGATGTAACCCACTCGTGCACCCAACTGATCTTCAGCATCTTTTACTTTCACCAGCGTTTCTGGGTGAGCAAAAACAGGAAGGCAAAATGCCGCAAAAAAGGGAATAAGGGCGACACGGAAATGTTGAATACTCATACTCTTCCTTTTTCAATATTATTGAAGCATTTATCAGGGTTATTGTCTCATGAGCGGATACATATTTGAATGTATTTAGAAAAATAAACAAATAGGGGTTCCGCGCACATTTCCCCGAAAAGTGCCACCTG

# The image shows the plasmid map for NR-54979.**Figure 2: Plasmid Map of NR-54979**