# Figure 1: Complete Plasmid Sequence of NR-52514

>NR-52514 lot 70035472 complete plasmid sequence

agcttggcccattgcatacgttgtatccatatcataatatgtacatttatattggctcatgtccaacattaccgccatgttgacattgattattgactagttattaatagtaatcaattacggggtcattagttcatagcccatatatggagttccgcgttacataacttacggtaaatggcccgcctggctgaccgcccaacgacccccgcccattgacgtcaataatgacgtatgttcccatagtaacgccaatagggactttccattgacgtcaatgggtggagtatttacggtaaactgcccacttggcagtacatcaagtgtatcatatgccaagtacgccccctattgacgtcaatgacggtaaatggcccgcctggcattatgcccagtacatgaccttatgggactttcctacttggcagtacatctacgtattagtcatcgctattaccatggtgatgcggttttggcagtacatcaatgggcgtggatagcggtttgactcacggggatttccaagtctccaccccattgacgtcaatgggagtttgttttggcaccaaaatcaacgggactttccaaaatgtcgtaacaactccgccccattgacgcaaatgggcggtaggcgtgtacggtgggaggtctatataagcagagctcgtttagtgaaccgtcagatcgcctggagacgccatccacgctgttttgacctccatagaagacaccgggaccgatccagcctcccctcgaagctgatcctgagaacttcagggtgagtctatgggacccttgatgttttctttccccttcttttctatggttaagttcatgtcataggaaggggagaagtaacagggtacacatattgaccaaatcagggtaattttgcatttgtaattttaaaaaatgctttcttcttttaatatacttttttgtttatcttatttctaatactttccctaatctctttctttcagggcaataatgatacaatgtatcatgcctctttgcaccattctaaagaataacagtgataatttctgggttaaggcaatagcaatatttctgcatataaatatttctgcatataaattgtaactgatgtaagaggtttcatattgctaatagcagctacaatccagctaccattctgcttttattttatggttgggataaggctggattattctgagtccaagctaggcccttttgctaatcatgttcatacctcttatcttcctcccacagctcctgggcaacgtgctggtctgtgtgctggcccatcactttggcaaagaattccgcgggcggccgccATGTTCGTGTTCCTGGTACTCCTTCCTTTGGTGTCTTCCCAGTGTGTAAATCTTACCACTCGGACCCAGCTTCCACCCGCCTACACCAACAGTTTCACACGCGGCGTCTACTATCCTGACAAGGTGTTTAGGAGTTCAGTCTTGCACTCAACTCAAGACTTGTTCCTCCCTTTCTTTAGCAATGTGACGTGGTTTCATGCCATTCATGTCTCCGGCACAAACGGAACGAAGCGCTTTGATAATCCTGTGCTCCCGTTCAACGATGGAGTGTACTTCGCGTCCACAGAGAAGAGCAATATCATTCGAGGTTGGATCTTCGGAACGACACTCGACTCAAAGACGCAGTCCCTTCTCATCGTCAATAATGCCACGAACGTGGTCATCAAAGTGTGCGAGTTTCAATTCTGTAATGATCCCTTCCTGGGCGTCTATTATCACAAGAACAACAAATCCTGGATGGAGTCCGAATTTAGAGTCTACTCCAGCGCCAACAACTGCACTTTCGAATACGTATCACAGCCATTCTTGATGGACCTTGAAGGAAAGCAGGGTAATTTCAAGAACTTGAGGGAGTTCGTATTCAAGAATATCGACGGGTACTTTAAGATTTATAGCAAACACACACCCATTAATTTGGTGCGGGATCTTCCTCAGGGATTTAGTGCTCTTGAGCCTCTCGTTGACCTCCCTATTGGCATTAACATCACCCGCTTTCAAACCCTGTTGGCCCTGCATCGGTCCTACCTGACACCGGGCGACTCAAGTTCCGGATGGACCGCAGGTGCCGCCGCATACTATGTGGGCTACCTTCAGCCAAGAACATTTCTGCTGAAATATAATGAGAACGGGACCATTACAGATGCGGTGGATTGTGCACTCGACCCTCTGTCTGAGACGAAATGCACCCTTAAGAGCTTCACGGTGGAGAAAGGCATTTATCAGACTTCTAACTTCAGAGTTCAACCCACCGAGTCCATTGTGCGATTCCCAAATATTACGAATTTGTGCCCATTTGGTGAGGTCTTCAATGCTACTCGATTCGCCTCAGTTTATGCATGGAACCGAAAGAGAATTTCCAATTGTGTGGCGGACTACTCAGTATTGTATAATAGTGCAAGCTTTAGCACATTCAAATGTTACGGCGTGTCTCCAACGAAGCTGAACGATCTCTGTTTCACAAACGTTTATGCGGATTCCTTCGTGATTCGCGGCGATGAGGTCCGACAGATTGCGCCTGGGCAAACGGGTAAGATCGCTGATTACAACTATAAGTTGCCGGACGATTTCACAGGATGTGTCATAGCTTGGAATAGCAATAATTTGGACAGTAAGGTTGGCGGAAACTACAATTATTTGTACAGGTTGTTTCGCAAGTCAAATTTGAAACCATTTGAGAGAGATATATCTACGGAGATATATCAAGCCGGCTCTACACCATGTAATGGTGTGGAGGGCTTTAACTGCTACTTTCCACTCCAGTCATATGGTTTCCAACCTACAAATGGAGTAGGGTATCAACCGTACAGAGTTGTGGTCTTGAGTTTCGAATTGCTCCACGCTCCAGCAACGGTATGCGGTCCTAAGAAATCCACAAATCTTGTGAAGAACAAGTGCGTAAATTTCAACTTCAATGGGCTGACTGGAACAGGCGTGCTGACTGAGAGTAACAAGAAGTTCTTGCCTTTCCAACAATTCGGGCGGGACATAGCTGATACCACTGACGCCGTCCGCGACCCTCAGACCCTGGAGATTCTGGACATAACTCCTTGTTCTTTCGGTGGCGTCAGTGTTATCACTCCCGGGACCAACACCTCCAACCAAGTCGCGGTCCTCTATCAAGACGTCAACTGTACGGAAGTACCGGTAGCCATCCATGCGGACCAACTTACACCGACTTGGAGGGTTTACTCTACAGGAAGCAATGTCTTTCAAACACGAGCCGGGTGTCTGATCGGAGCAGAACACGTTAACAACAGCTACGAATGTGACATACCAATAGGCGCAGGGATTTGTGCTTCATATCAGACACAGACCAATAGCCCGCGGAGAGCGAGAAGCGTAGCAAGCCAAAGCATCATCGCGTACACGATGAGCCTCGGAGCAGAGAACAGCGTCGCGTATAGCAATAATTCAATAGCTATCCCAACAAATTTCACTATTTCGGTCACCACTGAGATTCTGCCGGTCTCCATGACCAAGACATCCGTCGATTGTACTATGTACATATGCGGCGACAGCACGGAGTGCAGTAACTTGCTCCTTCAGTACGGTTCCTTCTGTACGCAGCTTAACCGGGCACTGACGGGTATCGCGGTAGAACAGGACAAGAACACACAGGAGGTCTTCGCGCAGGTCAAACAAATCTACAAGACACCACCCATAAAGGACTTCGGCGGGTTCAATTTCAGCCAAATCCTGCCGGACCCTTCCAAACCTAGTAAGAGGTCATTCATTGAGGATCTTCTGTTTAACAAAGTTACGCTTGCGGACGCGGGATTCATTAAGCAGTATGGTGACTGCCTTGGAGATATTGCCGCCAGGGATTTGATATGTGCACAGAAATTTAACGGCCTCACCGTTCTGCCGCCTCTGCTCACCGATGAGATGATAGCGCAGTACACGAGCGCACTCCTGGCAGGTACAATTACAAGCGGATGGACATTCGGTGCAGGAGCAGCGTTGCAGATACCCTTTGCTATGCAGATGGCTTATCGATTTAACGGGATTGGCGTCACGCAGAACGTCCTTTATGAGAATCAGAAATTGATTGCAAATCAGTTCAATAGTGCTATCGGTAAGATTCAGGACAGCTTGAGCAGTACCGCGTCTGCACTGGGAAAGTTGCAGGACGTGGTGAATCAGAATGCACAAGCACTGAATACCTTGGTTAAGCAATTGAGTAGCAATTTCGGCGCCATATCAAGTGTACTGAATGATATCCTGTCACGGTTGGACAAGGTAGAAGCCGAAGTTCAGATTGACCGCTTGATCACCGGGCGCCTCCAAAGTCTGCAGACCTACGTCACACAACAATTGATCAGAGCAGCAGAGATAAGAGCATCTGCTAACCTGGCTGCCACTAAGATGTCTGAATGTGTGCTTGGGCAGTCAAAGAGGGTAGATTTCTGCGGAAAGGGCTACCACCTTATGTCTTTCCCTCAGAGCGCTCCGCATGGTGTGGTCTTTCTCCATGTGACTTATGTGCCTGCTCAAGAGAAGAACTTTACGACGGCGCCCGCTATATGCCATGATGGTAAGGCGCACTTTCCAAGGGAGGGAGTGTTCGTGTCCAACGGCACTCACTGGTTTGTCACCCAACGAAATTTCTACGAGCCTCAAATTATTACCACCGACAATACCTTTGTTAGCGGTAACTGTGACGTCGTAATTGGGATTGTTAATAATACAGTCTACGATCCTCTGCAGCCGGAACTGGACTCCTTTAAAGAGGAGCTGGACAAATATTTCAAGAACCACACATCTCCTGACGTAGATCTTGGAGACATAAGCGGTATAAATGCAAGTGTTGTTAACATTCAGAAAGAAATAGATAGGTTGAACGAAGTTGCGAAGAACCTTAACGAGTCACTGATAGACCTCCAAGAGCTTGGGAAGTACGAGCAATATATCAAGTGGCCTTGGTATATTTGGCTCGGGTTCATAGCAGGACTTATCGCTATAGTCATGGTGACTATAATGCTGTGCTGCATGACAAGCTGCTGCAGCTGTCTCAAAGGCTGTTGCTCTTGCGGCTCTTGCTGCAAATTCGATGAGGACGATTCCGAACCTGTCTTGAAGGGTGTCAAGCTCCATTACACATAATGAaagcttatcgataccgtcgacctcgagggcccagatctaattcaccccaccagtgcaggctgcctatcagaaagtggtggctggtgtggctaatgccctggcccacaagtatcactaagctcgctttcttgctgtccaatttctattaaaggttcctttgttccctaagtccaactactaaactgggggatattatgaagggccttgagcatctggattctgcctaataaaaaacatttattttcattgcaatgatgtatttaaattatttctgaatattttactaaaaagggaatgtgggaggtcagtgcatttaaaacataaagaaatgaagagctagttcaaaccttgggaaaatacactatatcttaaactccatgaaagaaggtgaggctgcaaacagctaatgcacattggcaacagcccctgatgcctatgccttattcatccctcagaaaaggattcaagtagaggcttgatttggaggttaaagttttgctatgctgtattttacattacttattgttttagctgtcctcatgaatgtcttttcactacccatttgcttatcctgcatctctcagccttgactccactcagttctcttgcttagagataccacctttcccctgaagtgttccttccatgttttacggcgagatggtttctcctcgcctggccactcagccttagttgtctctgttgtcttatagaggtctacttgaagaaggaaaaacagggggcatggtttgactgtcctgtgagcccttcttccctgcctcccccactcacagtgacccggaatccctcgacatggcagtctagatcattcttgaagacgaaagggcctcgtgatacgcctatttttataggttaatgtcatgataataatggtttcttagacgtcaggtggcacttttcggggaaatgtgcgcggaacccctatttgtttatttttctaaatacattcaaatatgtatccgctcatgagacaataaccctgataaatgcttcaataatattgaaaaaggaagagtatgagtattcaacatttccgtgtcgcccttattcccttttttgcggcattttgccttcctgtttttgctcacccagaaacgctggtgaaagtaaaagatgctgaagatcagttgggtgcacgagtgggttacatcgaactggatctcaacagcggtaagatccttgagagttttcgccccgaagaacgttttccaatgatgagcacttttaaagttctgctatgtggcgcggtattatcccgtattgacgccgggcaagagcaactcggtcgccgcatacactattctcagaatgacttggttgagtactcaccagtcacagaaaagcatcttacggatggcatgacagtaagagaattatgcagtgctgccataaccatgagtgataacactgcggccaacttacttctgacaacgatcggaggaccgaaggagctaaccgcttttttgcacaacatgggggatcatgtaactcgccttgatcgttgggaaccggagctgaatgaagccataccaaacgacgagcgtgacaccacgatgcctgtagcaatggcaacaacgttgcgcaaactattaactggcgaactacttactctagcttcccggcaacaattaatagactggatggaggcggataaagttgcaggaccacttctgcgctcggcccttccggctggctggtttattgctgataaatctggagccggtgagcgtgggtctcgcggtatcattgcagcactggggccagatggtaagccctcccgtatcgtagttatctacacgacggggagtcaggcaactatggatgaacgaaatagacagatcgctgagataggtgcctcactgattaagcattggtaactgtcagaccaagtttactcatatatactttagattgatttaaaacttcatttttaatttaaaaggatctaggtgaagatcctttttgataatctcatgaccaaaatcccttaacgtgagttttcgttccactgagcgtcagaccccgtagaaaagatcaaaggatcttcttgagatcctttttttctgcgcgtaatctgctgcttgcaaacaaaaaaaccaccgctaccagcggtggtttgtttgccggatcaagagctaccaactctttttccgaaggtaactggcttcagcagagcgcagataccaaatactgttcttctagtgtagccgtagttaggccaccacttcaagaactctgtagcaccgcctacatacctcgctctgctaatcctgttaccagtggctgctgccagtggcgataagtcgtgtcttaccgggttggactcaagacgatagttaccggataaggcgcagcggtcgggctgaacggggggttcgtgcacacagcccagcttggagcgaacgacctacaccgaactgagatacctacagcgtgagctatgagaaagcgccacgcttcccgaagggagaaaggcggacaggtatccggtaagcggcagggtcggaacaggagagcgcacgagggagcttccagggggaaacgcctggtatctttatagtcctgtcgggtttcgccacctctgacttgagcgtcgatttttgtgatgctcgtcaggggggcggagcctatggaaaaacgccagcaacggagatgcgccgcgtgcggctgctggagatggcggacgcgatggatatgttctgccaagggttggtttgcgcattcacagttctccgcaagaattgattggctccaattcttggagtggtgaatccgttagcgaggtgccgccggcttccattcaggtcgaggtggcccggctccatgcaccgcgacgcaacgcggggaggcagacaaggtatagggcggcgcctacaatccatgccaacccgttccatgtgctcgccgaggcggcataaatcgccgtgacgatcagcggtccaatgatcgaagttaggctggtaagagccgcgagcgatccttgaagctgtccctgatggtcgtcatctacctgcctggacagcatggcctgcaacgcgggcatcccgatgccgccggaagcgagaagaatcataatggggaaggccatccagcctcgcgtcggggagctttttgcaaaagcctaggcctccaaaaaagcctcctcactacttctggaatagctcagaggccgaggcggcctcggcctctgcataaataaaaaaaattagtcagccatg

# Figure 2: Complete Plasmid Sequence of NR-52516

>NR-52516 lot 70035474 complete plasmid sequence

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# Figure 3: Complete Plasmid Sequence of NR-52517

>NR-52517 lot 70035478 complete plasmid sequence

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ggctacatcgaggccgaggtgatccccgccgagaccggccaggagaccgcctacttcctgctgaagctggccggccgctggcccgtgaagaccgtgcacaccgacaacggctccaacttcacctccaccaccgtgaaggccgcctgctggtgggccggcatcaagcaggagttcggcatcccctacaacccccagtcccagggcgtgatcgagtccatgaacaaggagctgaagaagatcatcggccaagtccgcgaccaggccgagcacctgaagaccgccgtgcagatggccgtgttcatccacaacttcaagcgcaagggcggcatcggcggctactccgccggcgagcgcatcgtggacatcatcgccaccgacatccagaccaaggagctgcagaagcagatcaccaagatccagaacttccgcgtgtactaccgcgactcccgcgaccccgtgtggaagggccccgccaagctgctgtggaagggcgagggcgccgtggtgatccaggacaactccgacatcaaggtggtgccccgccgcaaggccaagatcatccgcgactacggcaagcagatggccggcgacgactgcgtggcctcccgccaggacgaggactaacacatggaaaagattagtaaaacaccataggccgctctagaggatccaagcttatcgataccgtcgacctcgagggcccagatctaattcaccccaccagtgcaggctgcctatcagaaagtggtggctggtgtggctaatgccctggcccacaagtatcactaagctcgctttcttgctgtccaatttctattaaaggttcctttgttccctaagtccaactactaaactgggggatattatgaagggccttgagcatctggattctgcctaataaaaaacatttattttcattgcaatgatgtatttaaattatttctgaatattttactaaaaagggaatgtgggaggtcagtgcatttaaaacataaagaaatgaagagctagttcaaaccttgggaaaatacactatatcttaaactccatgaaagaaggtgaggctgcaaacagctaatgcacattggcaacagcccctgatgcctatgccttattcatccctcagaaaaggattcaagtagaggcttgatttggaggttaaagttttgctatgctgtattttacattacttattgttttagctgtcctcatgaatgtcttttcactacccatttgcttatcctgcatctctcagccttgactccactcagttctcttgcttagagataccacctttcccctgaagtgttccttccatgttttacggcgagatggtttctcctcgcctggccactcagccttagttgtctctgttgtcttatagaggtctacttgaagaaggaaaaacagggggcatggtttgactgtcctgtgagcccttcttccctgcctcccccactcacagtgacccggaatccctcgacatggcagtctagatcattcttgaagacgaaagggcctcgtgatacgcctatttttataggttaatgtcatgataataatggtttcttagacgtcaggtggcacttttcggggaaatgtgcgcggaacccctatttgtttatttttctaaatacattcaaatatgtatccgctcatgagacaataaccctgataaatgcttcaataatattgaaaaaggaagagtatgagtattcaacatttccgtgtcgcccttattcccttttttgcggcattttgccttcctgtttttgctcacccagaaacgctggtgaaagtaaaagatgctgaagatcagttgggtgcacgagtgggttacatcgaactggatctcaacagcggtaagatccttgagagttttcgccccgaagaacgttttccaatgatgagcacttttaaagttctgctatgtggcgcggtattatcccgtattgacgccgggcaagagcaactcggtcgccgcatacactattctcagaatgacttggttgagtactcaccagtcacagaaaagcatcttacggatggcatgacagtaagagaattatgcagtgctgccataaccatgagtgataacactgcggccaacttacttctgacaacgatcggaggaccgaaggagctaaccgcttttttgcacaacatgggggatcatgtaactcgccttgatcgttgggaaccggagctgaatgaagccataccaaacgacgagcgtgacaccacgatgcctgtagcaatggcaacaacgttgcgcaaactattaactggcgaactacttactctagcttcccggcaacaattaatagactggatggaggcggataaagttgcaggaccacttctgcgctcggcccttccggctggctggtttattgctgataaatctggagccggtgagcgtgggtctcgcggtatcattgcagcactggggccagatggtaagccctcccgtatcgtagttatctacacgacggggagtcaggcaactatggatgaacgaaatagacagatcgctgagataggtgcctcactgattaagcattggtaactgtcagaccaagtttactcatatatactttagattgatttaaaacttcatttttaatttaaaaggatctaggtgaagatcctttttgataatctcatgaccaaaatcccttaacgtgagttttcgttccactgagcgtcagaccccgtagaaaagatcaaaggatcttcttgagatcctttttttctgcgcgtaatctgctgcttgcaaacaaaaaaaccaccgctaccagcggtggtttgtttgccggatcaagagctaccaactctttttccgaaggtaactggcttcagcagagcgcagataccaaatactgttcttctagtgtagccgtagttaggccaccacttcaagaactctgtagcaccgcctacatacctcgctctgctaatcctgttaccagtggctgctgccagtggcgataagtcgtgtcttaccgggttggactcaagacgatagttaccggataaggcgcagcggtcgggctgaacggggggttcgtgcacacagcccagcttggagcgaacgacctacaccgaactgagatacctacagcgtgagctatgagaaagcgccacgcttcccgaagggagaaaggcggacaggtatccggtaagcggcagggtcggaacaggagagcgcacgagggagcttccagggggaaacgcctggtatctttatagtcctgtcgggtttcgccacctctgacttgagcgtcgatttttgtgatgctcgtcaggggggcggagcctatggaaaaacgccagcaacggagatgcgccgcgtgcggctgctggagatggcggacgcgatggatatgttctgccaagggttggtttgcgcattcacagttctccgcaagaattgattggctccaattcttggagtggtgaatccgttagcgaggtgccgccggcttccattcaggtcgaggtggcccggctccatgcaccgcgacgcaacgcggggaggcagacaaggtatagggcggcgcctacaatccatgccaacccgttccatgtgctcgccgaggcggcataaatcgccgtgacgatcagcggtccaatgatcgaagttaggctggtaagagccgcgagcgatccttgaagctgtccctgatggtcgtcatctacctgcctggacagcatggcctgcaacgcgggcatcccgatgccgccggaagcgagaagaatcataatggggaaggccatccagcctcgcgtcggggagctttttgcaaaagcctaggcctccaaaaaagcctcctcactacttctggaatagctcagaggccgaggcggcctcggcctctgcataaataaaaaaaattagtcagccatg

# Figure 4: Complete Plasmid Sequence of NR-52518

>NR-52518 lot 70035480 complete plasmid sequence

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# Figure 5: Complete Plasmid Sequence of NR-52519

>NR-52519 lot 70035482 complete plasmid sequence

gacggatcgggagatctcccgatcccctatggtgcactctcagtacaatctgctctgatgccgcatagttaagccagtatctgctccctgcttgtgtgttggaggtcgctgagtagtgcgcgagcaaaatttaagctacaacaaggcaaggcttgaccgacaattgcatgaagaatctgcttagggttaggcgttttgcgctgcttcgcgatgtacgggccagatatacgcgttgacattgattattgactagttattaatagtaatcaattacggggtcattagttcatagcccatatatggagttccgcgttacataacttacggtaaatggcccgcctggctgaccgcccaacgacccccgcccattgacgtcaataatgacgtatgttcccatagtaacgccaatagggactttccattgacgtcaatgggtggagtatttacggtaaactgcccacttggcagtacatcaagtgtatcatatgccaagtacgccccctattgacgtcaatgacggtaaatggcccgcctggcattatgcccagtacatgaccttatgggactttcctacttggcagtacatctacgtattagtcatcgctattaccatggtgatgcggttttggcagtacatcaatgggcgtggatagcggtttgactcacggggatttccaagtctccaccccattgacgtcaatgggagtttgttttggcaccaaaatcaacgggactttccaaaatgtcgtaacaactccgccccattgacgcaaatgggcggtaggcgtgtacggtgggaggtctatataagcagagctctctggctaactagagaacccactgcttaactggcttatcgaaattaatacgactcactatagggagacccaagcttggtaccgagctcggatccactagtaacggccgccagtgtgctggaattctgcagatatccatcacactggcggccgctcgagcatgcatctagactgccatggcaggaagaagcggagacagcgacgaagacctcctcaaggcagtcagactcatcaagtttctctatcaaagcaacccacctcccaaccccgaggggacccgacaggcccgaaggaatagaagaagaaggtggagagagagacagagacagatccattcgattagtgaacggatccttagcacttatctgggacgatctgcggagcctgtgcctcttcagctaccaccgcttgagagacttactcttgattgtaacgaggattgtggaacttctgggacgcagggggtgggaagccctcaaatattggtggaatctcctacagtattggagtcaggaactaaagaataggatccggctattctatagtgtcacctaaatgctagagctcgctgatcagcctcgactgtgccttctagttgccagccatctgttgtttgcccctcccccgtgccttccttgaccctggaaggtgccactcccactgtcctttcctaataaaatgaggaaattgcatcgcattgtctgagtaggtgtcattctattctggggggtggggtggggcaggacagcaagggggaggattgggaagacaatagcaggcatgctggggatgcggtgggctctatggcttctgaggcggaaagaaccagctggggctcgaggggggatccccacgcgccctgtagcggcgcattaagcgcggcgggtgtggtggttacgcgcagcgtgaccgctacacttgccagcgccctagcgcccgctcctttcgctttcttcccttcctttctcgccacgttcgccggctttccccgtcaagctctaaatcgggggctccctttagggttccgatttagtgctttacggcacctcgaccccaaaaaacttgattagggtgatggttcacgtagtgggccatcgccctgatagacggtttttcgccctttgacgttggagtccacgttctttaatagtggactcttgttccaaactggaacaacactcaaccctatctcggtctattcttttgatttataagggattttgccgatttcggcctattggttaaaaaatgagctgatttaacaaaaatttaacgcgaattttaacaaaatattaacgcttacaatttaaatatttgcttatacaatcttcctgtttttggggcttttctgattatcaaccggggtgggtaccgagctcgaattctgtggaatgtgtgtcagttagggtgtggaaagtccccaggctccccagcaggcagaagtatgcaaagcatgcatctcaattagtcagcaaccaggtgtggaaagtccccaggctccccagcaggcagaagtatgcaaagcatgcatctcaattagtcagcaaccatagtcccgcccctaactccgcccatcccgcccctaactccgcccagttccgcccattctccgccccatggctgactaattttttttatttatgcagaggccgaggccgcctcggcctctgagctattccagaagtagtgaggaggcttttttggaggcctaggcttttgcaaaaagctcccgggagcttggatatccattttcggatctgatcaagagacaggatgaggatcgtttcgcatgattgaacaagatggattgcacgcaggttctccggccgcttgggtggagaggctattcggctatgactgggcacaacagacaatcggctgctctgatgccgccgtgttccggctgtcagcgcaggggcgcccggttctttttgtcaagaccgacctgtccggtgccctgaatgaactgcaggacgaggcagcgcggctatcgtggctggccacgacgggcgttccttgcgcagctgtgctcgacgttgtcactgaagcgggaagggactggctgctattgggcgaagtgccggggcaggatctcctgtcatctcaccttgctcctgccgagaaagtatccatcatggctgatgcaatgcggcggctgcatacgcttgatccggctacctgcccattcgaccaccaagcgaaacatcgcatcgagcgagcacgtactcggatggaagccggtcttgtcgatcaggatgatctggacgaagagcatcaggggctcgcgccagccgaactgttcgccaggctcaaggcgcgcatgcccgacggcgaggatctcgtcgtgacccatggcgatgcctgcttgccgaatatcatggtggaaaatggccgcttttctggattcatcgactgtggccggctgggtgtggcggaccgctatcaggacatagcgttggctacccgtgatattgctgaagagcttggcggcgaatgggctgaccgcttcctcgtgctttacggtatcgccgctcccgattcgcagcgcatcgccttctatcgccttcttgacgagttcttctgagcgggactctggggttcgaaatgaccgaccaagcgacgcccaacctgccatcacgagatttcgattccaccgccgccttctatgaaaggttgggcttcggaatcgttttccgggacgccggctggatgatcctccagcgcggggatctcatgctggagttcttcgcccaccccaacttgtttattgcagcttataatggttacaaataaagcaatagcatcacaaatttcacaaataaagcatttttttcactgcattctagttgtggtttgtccaaactcatcaatgtatcttatcatgtctggatccgtcgacctcgagagcttggcgtaatcatggtcatagctgtttcctgtgtgaaattgttatccgctcacaattccacacaacatacgagccggaagcataaagtgtaaagcctggggtgcctaatgagtgagctaactcacattaattgcgttgcgctcactgcccgctttccagtcgggaaacctgtcgtgccagctgcattaatgaatcggccaacgcgcggggagaggcggtttgcgtattgggcgctcttccgcttcctcgctcactgactcgctgcgctcggtcgttcggctgcggcgagcggtatcagctcactcaaaggcggtaatacggttatccacagaatcaggggataacgcaggaaagaacatgtgagcaaaaggccagcaaaaggccaggaaccgtaaaaaggccgcgttgctggcgtttttccataggctccgcccccctgacgagcatcacaaaaatcgacgctcaagtcagaggtggcgaaacccgacaggactataaagataccaggcgtttccccctggaagctccctcgtgcgctctcctgttccgaccctgccgcttaccggatacctgtccgcctttctcccttcgggaagcgtggcgctttctcatagctcacgctgtaggtatctcagttcggtgtaggtcgttcgctccaagctgggctgtgtgcacgaaccccccgttcagcccgaccgctgcgccttatccggtaactatcgtcttgagtccaacccggtaagacacgacttatcgccactggcagcagccactggtaacaggattagcagagcgaggtatgtaggcggtgctacagagttcttgaagtggtggcctaactacggctacactagaagaacagtatttggtatctgcgctctgctgaagccagttaccttcggaaaaagagttggtagctcttgatccggcaaacaaaccaccgctggtagcggtggtttttttgtttgcaagcagcagattacgcgcagaaaaaaaggatctcaagaagatcctttgatcttttctacggggtctgacgctcagtggaacgaaaactcacgttaagggattttggtcatgagattatcaaaaaggatcttcacctagatccttttaaattaaaaatgaagttttaaatcaatctaaagtatatatgagtaaacttggtctgacagttaccaatgcttaatcagtgaggcacctatctcagcgatctgtctatttcgttcatccatagttgcctgactccccgtcgtgtagataactacgatacgggagggcttaccatctggccccagtgctgcaatgataccgcgagacccacgctcaccggctccagatttatcagcaataaaccagccagccggaagggccgagcgcagaagtggtcctgcaactttatccgcctccatccagtctattaattgttgccgggaagctagagtaagtagttcgccagttaatagtttgcgcaacgttgttgccattgctacaggcatcgtggtgtcacgctcgtcgtttggtatggcttcattcagctccggttcccaacgatcaaggcgagttacatgatcccccatgttgtgcaaaaaagcggttagctccttcggtcctccgatcgttgtcagaagtaagttggccgcagtgttatcactcatggttatggcagcactgcataattctcttactgtcatgccatccgtaagatgcttttctgtgactggtgagtactcaaccaagtcattctgagaatagtgtatgcggcgaccgagttgctcttgcccggcgtcaatacgggataataccgcgccacatagcagaactttaaaagtgctcatcattggaaaacgttcttcggggcgaaaactctcaaggatcttaccgctgttgagatccagttcgatgtaacccactcgtgcacccaactgatcttcagcatcttttactttcaccagcgtttctgggtgagcaaaaacaggaaggcaaaatgccgcaaaaaagggaataagggcgacacggaaatgttgaatactcatactcttcctttttcaatattattgaagcatttatcagggttattgtctcatgagcggatacatatttgaatgtatttagaaaaataaacaaataggggttccgcgcacatttccccgaaaagtgccacctgacgtc

# Figure 6: Plasmid Map of NR-52514



# Figure 7: Plasmid Map of NR-52516



# Figure 8: Plasmid Map of NR-52517



# Figure 9: Plasmid Map of NR-52518



# Figure 10: Plasmid Map of NR-52519

