ACCCAGCACGGCACAATCACTCACTCTCTGCATCCTCCCCTCCCCTCTCCTCTGCGCCACCTTAGCCAAG

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TCTTTCTCTGTGTGACAATCCAGCTCTCCTGCACAGGGATGAAACTCGTATGCTATTCAGCCCATGTGCC

ATAAATAGAGCGCGGAAGATTATTGAGTCCATGCCCGGCAGAAACTCTGGTGCATATACTAACAGTCAGG

GAATCAGAAGTTTGCGGGAAGCAGTTGCAAATGGAATCGCTGCAAGAGATGGTTTTCCATCAAGACCAGA

GGACATCTTTCTGACAGATGGAGCGAGTTCAGCCATTAATTTGAGTATGCAGATACTCATTAGGTCCCAA

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CTATGGTACCATACAATCTTAGTGAGGACGGTGATTGGGGGCTTGAGATCTTCGAAGTAAAGAGGTGCTT

GGAGGAGGCACGCATCGCAGGTTTGACTGTTCGGGCTATGGTGATCATAAACCCCGGAAATCCGACGGGA

CAGGTACTGTCTATCACCAACCAGGAGGAGATAGTAGAATTTTGTCGGAAAGAAGGTTTGGTTATGCTTG

CCGATGAGGTATACCAAGATAACGTCTATGTGGAGGATAAGAAATTCCATTCTTTCAAGAAAGTAGCCAG

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CGCGCCAAGACCTTGGCGAGCGCATTCAGCAGCCTGGAGGGAATGACCTGCAACAAAGTAGAAGGTGCAA

TCTACGCCTTCCCACGGATCCACCTCCCTG?CAGCGGCGATCAAAGCCGCCAAGGCCGAGGGCATGTCTC

CAGACATGTTCTACGCGTGCCGCCTTCTCAACGCCACCGGGATCGCCGTTGTCCCTGGCTCTGGATTCCA

CCAGGTGTCTGGGCGCAACAAGGCCACCGGGACATGGCATATCCGGTGCACGATCCTCCCCGGCGAGGAC

AAGATCAAGGCGATGATCCCGCGCCTCAAGGAGTTCCACGAGTCCTTCATGAACGAGTTCCGCAACCGAA

GCTGATGCGCACTTTCACCTACACAAGCCACAGGCCGGTCAGAGCTCCGAAGGTGTGATCTTCACTACCT

TGTAAATTAAACCTGTGTTGTACTGCCAATAAATAAACTTTCACTACCCTGTAAATTAAGCCTGTGTTGT

ACTACCAATAAATAAACTTTGGCAGCTGTGTGTT

TaQsd1'de CRISPR / Cas9 hedefli sekans: sarı (PSTL restriksiyon bölgesi altı çizili)

PAM Sekansı: Yeşil

Modifikasyona uğrayan bölge: kırmızı