

Forward Primer

CTACTCGATCCTCGAGCGACAC

5' TCTACTCGATCCTCGAGCGACACCGGTTCCAGCGCTCGAGCCACGCGAAGCTTCAGGCGCTGTGGCTGGAAGCGCACTACCAGGAAGCGGAGCGCCTCCG
3' AGATGAGCTAGGAGCTCGCTGTGGCCAAGGTCGCGAGCTCGGTGCGCTTCGAAGTCCGCGACACCGACCTTCGCGTGATGGTCCTTCGCCTCGCGGAGGC

500

CGGTCGCCCCTCGGGCCCGTCGACAAGTACCGGGTGC GGAAGAAGTTCCTCTGCCGAGGACTATTTGGGACGGCGAACAGAAGACTCACTGTTTCAAG
GCCAGCGGGCGAGCCCGGGCAGCTGTTTATGGCCACGCCTTCTTCAAGGGAGACGGCTCCTGATAAACCTGCCGCTTGTCTTCTGAGTGACAAAGTTC

600

GAGCGAACGAGGTCGCTCCTCCGGGAATGGTATTTACAAGATCCTTATCCGAATCCAACGAAAAAACGTGAACTCGCAGCGGCTACGGGACTGACGCCGA
CTCGCTTGCTCCAGCGAGGAGGCCCTTACCATAAATGTTCTAGGAATAGGCTTAGGTTGCTTTTTTGCACCTTGAGCGTCGCCGATGCCCTGACTGCGGCT

700

CGCAGGTGGGCAACTGGTTCAAGAACCGAAGACAGCGGACCGCGCGGCCGCCGCAAGAACCCTCCGCCGTGCTCGGCAGAGGGTTCGCGTCGTCGTC
GCGTCCACCCGTTGACCAAGTTCCTTGGCTTCTGTGCGCCTGGCGCGCCGGCGGCGGTTCTTGGCGAGGCGGCACGAGCCGTCTCCAAGCGCAGCAGCAG

800

CACCTACGACGAGGACTCGGCCGACTCGGAGATCAACGTGGACGAGGAGTAG
GTGGATGCTGCTCCTGAGCCGGCTGAGCCTCTAGTTGCACCTGCTCCTCATC

3'
852
5'

TGAGCCTCTAGTTGCACCTGCT

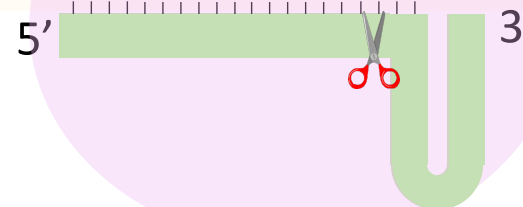
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CTACTCGATCCTCGAGCGACAC

TCTACTCGATCCTCGAGCGACACCGGTTCCAGCGCTCGAGCCACGCGAAGCTTCAGGCGCTGTGGCTGGAAGCGCACTACCAGGAAGCGGAGCGCCTCCG
AGATGAGCTAGGAGCTCGCTGTGGCCAAGGTCGCGAGCTCGGTGCGCTTCGAAGTCCGCGACACCGACCTTCGCGTGATGGTCCTTCGCCTTCGCGGAGGC

500



CGGTCGCCCCGCTCGGGCCCGTCGACAAGTACCGGGTGCGGAAGAAGTTCCTCTGCCGAGGACTATTTGGGACGGCGAACAGAAGACTCACTGTTTCAAG
GCCAGCGGGCGAGCCCGGGCAGCTGTTTCATGGCCACGCCTTCTTCAAGGGAGACGGCTCCTGATAAACCTGCCGCTTGTCTTCTGAGTGACAAAGTTC

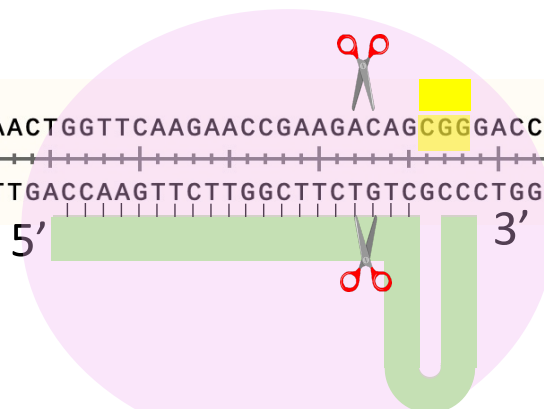
600

GAGCGAACGAGGTCGCTCCTCCGGGAATGGTATTTACAAGATCCTTATCCGAATCCAACGAAAAAACGTGAACTCGCAGCGGCTACGGGACTGACGCCGA
CTCGCTTGCTCCAGCGAGGAGGCCCTTACCATAAATGTTCTAGGAATAGGCTTAGGTTGCTTTTTTGCACCTTGAGCGTCGCCGATGCCCTGACTGCGGCT

700

CGCAGGTGGGCAACTGGTTCAAGAACCGAAGACAGCGGACCGCGCGGGCCGCCGCAAGAACCGCTCCGCCGTGCTCGGCAGAGGGTTTCGCGTCGTCGTC
GCGTCCACCCGTTGACCAAGTTCTTGGCTTCTGTGCCCCCTGGCGCGCCGGCGGCGGTTCTTGGCGAGGCGGCACGAGCCGTCTCCCAAGCGCAGCAGCAG

800



CACCTACGACGAGGACTCGGCCGACTCGGAGATCAACGTGGACGAGGAGTAG
GTGGATGCTGCTCCTGAGCCGGCTGAGCCTCTAGTTGCACCTGCTCCTCATC

3'
852
5'

TGAGCCTCTAGTTGCACCTGCT

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