

5'

GAATCCGAAGCTCGGTACCCGGGATCCTTAGAGTCGACCTGCAGGCATGC**AAGCTT**GGCTACCCTG  
CTTAGCCTTCGAGCCATGGCCCTAGGAGATCTCAGCTGGACCTCCGTAC**GTTCGAA**CCGATGGCACATGGAC

3'

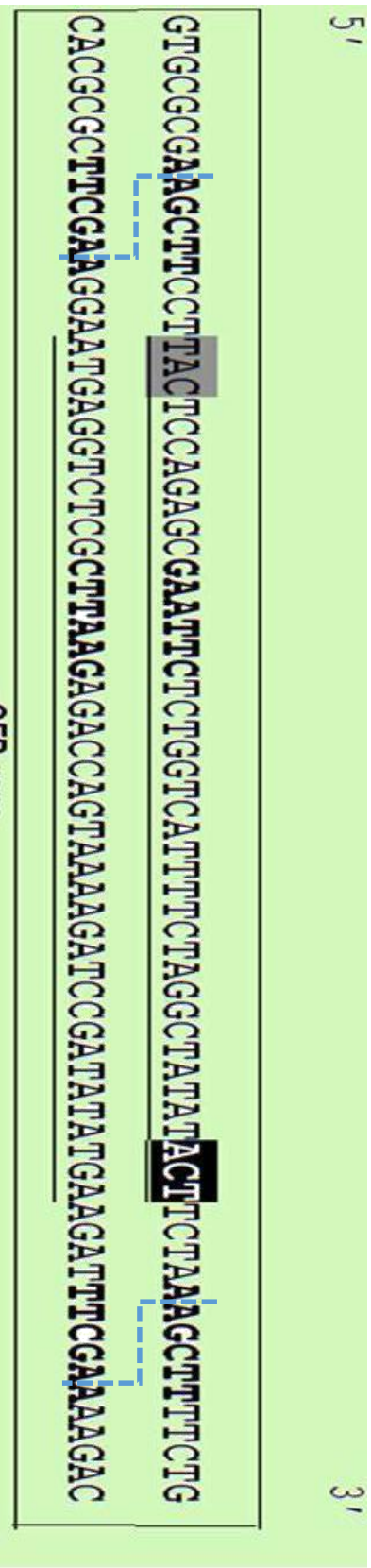
Plasmid

5'

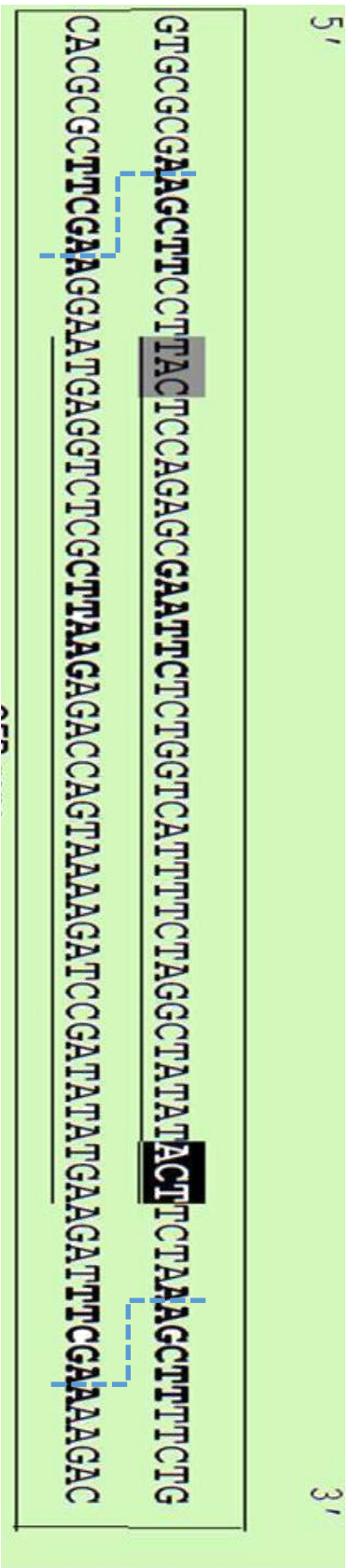
GAATCCGAAGCTCGGTACCCGGGATCCTTAGAGTCGACCTGCAGGCATGC**AAGCTT**GGCTACCCTG  
CTTAGCCTTCGAGCCATGGCCCTAGGAGATCTCAGCTGGACCTCCGTAC**GTTCGAA**CCGATGGCACATGGAC

3'

Plasmid



Chromosomal DNA with insulin



Chromosomal DNA with insulin