5’

GCGAATACTTCAACTTCGCCACCGCGCTGCGCCAGAAGTGGAACAACAGCGGCGAGATT

3`-

CGCGGTGGCGAAGTTGAAGTATTCGC---------------------------------

CTCATGTGGGTTCCGCTGCCACTGATGGGGCTTCCCCCTTGGATGGTGTTCTGCAGTTG

-----------------------------------------------------------

GTCGCTGAACTTGATCTACCAGTTCTGGGTGCACACCGAGCGGATCGACAGGCTGCCGC

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GGTGGTTCGAATTCGTCTTCAATACCCCGTCGCACCACCGGGTCCACCACGGAATGGAC

-------------------------------------GGCCCA…..

-------------------------------------ACCCGG

CCGGTGTATCTGGACAAGAACTATGGCGGCATCCTCATCATCTGGGACCGCCTGTTCGGTAGCTTTCAGCCGGAGCTATTCCGACCGCATTATGGCCTGACCAAGCGGGTCGACACGTTCAACATCTGGAAGCTGCAGACCCGCGAGTACGTGGCGATCGTGCGTGACTGGCGGTCGGCAACACGTCTGCGGGATCGGCTGGGCTACGTCTTCGGACCGCCGGGCTGGGAACCGCGCACCATCGATAAATCCAATGCCGCCGCCTCCCTGGTCACGTCTCGGTAACGTCGCGACCCGACATTGCGAAAGTATTACCGTCGGGTTTTGGTACGCCTTAGCCGTAACCGGCGGCGGGCGATGCGCTTGGCCCCGACGGATGGGAGTTCAAGGTGGTCCGCCTGGTACCACGCGCATTCGCAGCGACGGTCGCCCTATTGGCGGCCGGGTTTTCGCCGGCGACCGCCAGTGCCGATCCGGTCTTGGTGTTCCCCGGCATGGAAATCCGTCAGGACAACCACGTCTGCACCCTGGGCTACGTCGACCCAGCTCTGAAAATCGCGTTTACCGCGGGGCATTGTCGGGGCGGGGGAGCGGTCACCAGCCGGGACTACAAGGTTATCGGCCATCTCAGGGCCATCCGGGACAACACACCCAGCGGCTCCACCGTGGCCACGCACGAGTTGATCGCCGACTACGAGGCGATTGTGCTGGCTGACGACGTCACGGCAAGCAACATTTTGCCGAGCGGGCGTGCACTGGAATCCAGACCGGGTGTGGTTCTTCACCCGGGCCAAGCGGTCTGCCATTTCGGCGTCAGCACAGGCGA-3’

Праймери/стартери

Forward: 3`-\*\*\*\*\*\*\*\*\*\*\*\*\*\*-5`

Reverse: 3`-\*\*\*\*\*\*\*\*\*\*\*\*\*\*-5`

1. Length: 18-22bp
2. CG content ’= 50%
3. Tm = 50-55C
4. dTm не більше 3-5С

Forward: --------------------- (length: 20bp)

Reverse: --------------------- (length: 20bp)

F(CG) = x%

R(CG) = x%

F(Tm) = xC

R(Tm) = xC

dTm = xC