**Varianta 1**

**5´301 TGAAAATGGTCGTTTTATCGAGGACGAAGTTGTTTGTCGTTTCCGTGGTAATAACACAGT**

 **NdeI >>>>>>>>>>>>>>>>>>>>**

 **M V  V C……**

 **5´ TATCGAGCATATGGTTGTTTGTCGTTTCCGTGGTA 3´**

 **||||||| | ||||||||||||||||||||||**

**3´ ACTTTTACCAGCAAAATAGCTCCTGCTTCAACAAACAGCAAAGGCACCATTATTGTGTCA**

**Varianta 2**

**5´301 TGAAAATGGTCGTTTTATCGAGGACGAAGTTGTTTGTCGTTTCCGTGGTAATAACACAGT**

 **NdeI >>>>>>>>>>>>>>>>>>>>**

 **M V  C ……**

 **5´ CGAGGACCATATGGTTTGTCGTTTCCGTGGTA 3´**

 **||||||| | | |||||||||||||||||||**

**3´ ACTTTTACCAGCAAAATAGCTCCTGCTTCAACAAACAGCAAAGGCACCATTATTGTGTCA**

 **421 AACAGCATGTATCCCATTCTTAGAAAACGATGACTCAAACCGTGCGTTAATGGGTGCAAA**

 **481 CATGCAACGACAAGCAGTACCATTGATGAACCCAGAAGCACCATTTGTTGGTACAGGTAT**

 **|||||||||||||||||||| | ||**

 **CTACTTGGGTCTTCGTGGTACCTAGGCA**

 **3´ <<<<<<<<<<<<<<<<<<<< 5´**

 **BamHI 5´**G^GATCC 3´

 **5´ACGGATCCATGGTGCTTCTGGGTTCATC 3´**