**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´**