

Thursday, January 20, 2011 2:13 PM

BaTdp-V5

ATGTATTATCATATTAGAATTAACTTAACAACTAGAGTTCAAGAGTCATAATTACATTGAAGAACATTGAAG
o
o BaTdp (STOP codon removed)
1 M Y Y H I R I N L T T R V Q E S K F N I T F E E L E E
o
o ACGTTACCTTCAAGGTATAGAAAAGCGAAGATTTACATTAAACGGAAGGGTAATAAAATAATGATATTCAAAAAA
o
o BaTdp (STOP codon removed)
1 R Y L S R Y R K G E D F T L N G R V I K I N D I Q K
o
o TGAGTATAAAATGTATCTGAGAATGAAAATGAATTGGATATTCTGGTAGATAGAATCGAATATGAAGATCAAAAGAGCTCT
o
o BaTdp (STOP codon removed)
1 M S I N V S E N E L D I L V D R I E Y E D Q K S S
o
o ATCGTTAGAGTAGGTGGCCCTTCAAGAAAATGGAGAGCAGCAGGAAGATTGAAAGATGTAAGTGACGAGCTTCTTGAAGG
o
o BaTdp (STOP codon removed)
1 I V R V G G P S R K W R A A G R L K D V S D E L L E G
o
o ACCTCCAGGTTATATGTTAAAAGAACAGCAATTAGAAATATTCTGAATAGTATTGGTATAAACACTAAAGTATTACATCGTACATG
o
o BaTdp (STOP codon removed)
1 P P G Y M L K E A E V A A S V E V D N T K V F I V H
o
o GACATGATGATAATTAAAACAGCAATTAGAAATATTCTGAATAGTATTGGTATAAACCTGTAGTATTACATAGGGAA
o
o BaTdp (STOP codon removed)
1 G H D D N L K Q Q L E I F L N S I G I K P V V L H R E
o
o GCTAATGAAGGGTTAACAGTTCTTGAGAAGTTGAGAACATTAGATGTTCAATATGCCTTGTCTATTAACTCCTGA
o
o BaTdp (STOP codon removed)
1 A N E G L T V L E K F E K H S D V Q Y A F V L L T P D
o
o TGATATAGGGTAGTGTAAAGGAAAGAGCAAATCCGTAGAAGAATATAGCTTGTAGAGCTGCCAAATGTAATTGG
o
o BaTdp (STOP codon removed)
1 D I G C S V K E R A K S V E E Y S F R A R Q N V I F
o
o AATTGGGATTCTTATTGGAAAATTAGGAAGAGCTAAGGTTGTACTCTTATAAGACGGTGTGGAATTACCGAATGAT
o
o BaTdp (STOP codon removed)
1 E L G F F I G K L G R A K V C T L Y K D G V E L P N D
o
o ATATCAGGTCTGGTTATCAAAAGATAATATTGAAGATGTTGGATATCATATTGAAAGAATTAAGGGCAGC
o
o BaTdp (STOP codon removed)
1 I S G L V Y Q K V N D N I E D V G Y H I M K E L R A A

BaTdp-v5

The diagram illustrates the BaTdp construct. The top sequence shows the original gene sequence from position 5' to 880. A green arrow labeled "BaTdp (STOP codon removed)" points to the removal of a stop codon at position 1. The bottom sequence shows the modified construct from position 5' to 939. An orange box labeled "V5 epitope tag" indicates the insertion of the V5 tag between positions 1 and 2.