

<pBIVT1 (N-terminal 6x his-tag)>

Agtgagcggaggaagcgggaagaagctcgcacattcagcagcgttttcagcgcgttttcgatcagcgtttcaatgttggtatcaacaccaggttta
actttgaacttatcggcactgacggttactgattttgaacttttgccttccacggaacggctcgtgtcgggaagatgctgatctgatcctcaa
ctcagcaaaagttcgcaatacgcacaaccgcctcctcccgcgctgtggcggattcattaatgacagctggcagcagaggttcccgactggaaa
gcgggcagtgagcgaacgcaattaatgtgagtagctcactcattaggcaccaggcttacactttatgctccggctcgtatgtgtgtgga
attgtgagcggataacaatttcacacaggaacagctatgaccatgattacgaattcagatctcgatcccgcgaaattaatacactcactata
gggagaccacaacggtttccctctagaataatgtttgtaactttaagaaggagatataCATATGCACCACCACCACCACCAC
GGATCCGAGCTCAAGCTTGCGGCCGCATAGGTCGACcggctgctaacaaagcccgaaaggaagctgagttggctg
ctgccaccgctgagcaataactagcataaacccttggggcctctaacgggtcttgagggttttttctgaaaggaggaactatataccggata
acctcgagctgcaggcatgcaagctggcactggcctcgttttacaacgctcgtgactgggaaaaccctggcgttacccaactaatcgcttgc
agcacatcccccttccagctggcgaatagcgaagaggcccgaccgatcgccttccaacagttgctgagcagcctgaatggcgaatgc
gatttattcaaaaagccgctcccgtcaagtcagcgaatgctctgacagtttacaaccaattaaccaattctgattagaaaaactcatcga
gcatcaaatgaaactgcaatttattcatatcaggattatcaatcatatgtttgaaaaagccgtttctgtaatgaaggagaaaactcaccgaggc
agttccataggatggcaagatcctggatcggctcgtgattccgactcgtccaacatcaatacaacctattaatttcccctcgtcaaaaaataagtt
atcaagtgagaaatcaccatgagtgacgactgaaatccggtgagaatggcaaaaagcttatgcatttcttccagactgttcaacagccagcca
ttacgctcgtcatcaaatcactcgcacacaaaccgttattcattcgtgattgctgctgagcagagcgaatacgcgatcgtgtttaaagg
acaattacaacaggaatcgaatgcaaccggcgcaggaacactgccagcgcacacaatatttccactgaatcaggatattcttctaatac
ctggaatgctgttttcccgggatcgcagtggtgagtaaccatgcatcagcagagcagataaaatgcttgatggcgggaagaggcataaat
tccgtcagccagtttagtctgaccatctcatctgtaacatcattggcaacgctacctttgcatgtttcagaaacaactctggcgcacatcgggtccc
atacaatcgatagattgctgcacctgattgcccacattatcgcgagcccattatacccatataaatcagatcattgtggaatataatcgcggg
ttcagcaagacgtttcccgttgaatatggctcataacacccttgtattactgtttatgtaagcagacagttttattgttcatgatgatatattttatctt
gtgcaatgtaacatcagagattttgagacacaacgtggctttgtgataaaatcgaacttttctgagttgaaggatcagatcacgcatctcccg
acaacgcagaccgttccgtggcaaaagcaaaagtcaaaatcacaactgttccacctaacaacaaagctctcatcaaccgtggctccctcact
ttctggctggatgatggggcagttcaggcctggatgagtcagcaaaccttctcacaggcagacctctcgacggatcgttccactgagcgtc
agaccccgtagaaaagatcaaaggatctcttgagatcctttttctgcgctaatctgctgcttgaacaaaaaaaccaccgctaccagcgg
tggtttgttccggatcaagagctaccaactcttttccgaaggttaactggctcagcagagcgcagataccaataactgtccttctagttagcc
gtagttaggccaccactcaagaactctgtagcaccgcctacatacctcgtctgtaatcctgttaccagtggtgctgctcagtggggataagtc
gtgtctaccgggttgactcaagacgatagttaccggataaggcgcagcggctcgggtgaacggggggtcgtgcacacagcccagcttgg
agcgaacgacctacaccgaactgagatacctacagcgtgagcattgagaaagcggccagctcccgaaggagaaaggcggacaggtta
tccggtaaagcggcagggcggaaacagagagcgcacgagggagcttccaggggaaacgcctggtatctttatagctcgtcgggttccg
acctctgactgagcgtcgattttgtgatgctcgtcagggggcggagcctatggaaaaacgcagcaacgcggccttttacggttctgacct
tttctgaccttttctcacatgttcttctcgtcttaccctgattctgtggataaccgtattaccgctttgagtgagctgataccgctcggcgcagc
cgaacgaccgagcgcagcagtc

<pBIVT2 (C-terminal 6x his-tag)>

Agtgagcggaggaagcgggaagaagctcgcacattcagcagcggttttcagcgcggttttcgatcagcgtttcaatgttggtatcaacaccaggttta
actttgaactatcggcactgacggttactgattttgaacttttgcctggccacggaacggctcgtggtgctgggaagatgctgatctgatcctcaa
ctcagcaaaagttcgccaatcgcgaaccgcctctccccgcgctgtggccgattcattaatgagctggcacgacaggtttcccactggaaa
gctgggagtgagcgaacgcaatfatgtgagtagctcactcattaggcaccaggcttacactttatgctccggctcgtatgtgtgtgga
attgtgagcggataacaattcacacaggaaacagctatgaccatgattacgaattcagatctcgcgcaaaataatcactcactata
gggagaccacaacggtttccctctagaataatftttgtaactttaagaaggagatataCATATGGGATCCGAGCTCAAGCTTG
CGGCCGCACACCACCACCACCACACTAGGTGCGACcggtcgttaacaaagcccgaaggaaagctgagttggctgct
gccaccgctgagcaataactagcataacccttggggcctctaaacgggtcttgaggggtttttgctgaaaggaggaactataatccggataac
ctcagactgcaggcatgcaagcttggcactggcctgctttacaacgctgactgggaaaaccctggcgttacccaactaatgccttga
gcacatcccccttccagctggcgtaatagcgaagaggcccgcaccgatcgccctcccaacagttgctgagcctgaatggcgaatgctg
atttattcaaaaagccgctcccgtcaagtcagcgtaatgctctgcccagtggtacaaccaataaccaattctgattagaaaaactcatcgag
catcaaatgaaactgcaatttattcatatcaggattatcaataccatattttgaaaaagccgtttctgtaataaggagaaaaactcaccagggca
gttccataggatggcaagatcctggtatcggctcgcgattccgactcgtccaacatcaatacaacctattaatttcccctcgtcaaaaataaggta
tcaagtgagaaatcaccatgagtgacgactgaatccggtgagaatggcaaaaagcctatgcatcttccagactgttcaacaggccagccatt
acgctcgtcatcaaaatcactcgcacatcaaccaaaccgttattcattcgtgattgctgctgagcgcgagaaatacgcgatcgtgtttaaaggga
caattacaacaggaatcgaatgcaaccggcgcaggaacactgccagcgcacatcaacaataatttcacctgaatcaggatattcttataacct
ggatgctgtttcccgggagcgcagtggtgagtaaccatgcatcatcaggagtaggataaaatgctgtaggtcggagagggcataaattc
cgtcagccagtttagctgaccatctcatctgtaacatcattggcaacgctaccttggcatgttcagaaacaactctggcgcacgggctcccat
acaatcgatagattgtcgcacctgattgcccacattatcgcgagcccattataacctataaatcagcatcattgttgaatfaatcgcggtt
cgagcaagacggtttcccgttgaatggtcacaaccccctgtattactgtttatgtaagcagacagtttattgttcatgatataattttatctgt
gcaatgtaacatcagagattttgagacacaacgctggtttgtgtaataatcgaacttttctgagttgaaggatcagatcacgcacatctcccagc
aacgcagaccgttccgtggcaaaagcaaaagtcaaaatcaccaactgtccacctaacaacaaagctctcatcaaccgtggctcccctcactttc
tggctggatgatggggcgattcaggcctggtatgagtcagcaaaccttctcacgaggcagacctctcgcaggtatcgttccactgagcgtcag
accccgtagaaaagatcaaggatcttctgagatcctttttctgcgctgtaactgctgcttgcacaaaaaaaccaccgctaccagcgggtg
gtttgttccggatcaagagctaccaactcttttccgaaggtaactggctcagcagagcgcagataccaataactgtcctctagttagccgt
agtaggcccaccactcaagaactctgtagcaccgctacatacctcgtctgtaactctgttaccagtggctgctgcccagtgggcagataagctgt
gtcttaccgggttgactcaagacgatagttaccggataaggcgcagcggctcgggctgaacggggggtcgtgcacacagcccagcttga
gcaacgacactacaccgaactgagatacctacagcgtgagcattgagaaagcggccacgcttcccgaaggagaaaggcggacaggtatc
cggtaagcggcagggctggaacaggagagcgcacgaggggagctccagggggaaacgcctggtatctttatagctcctgctgggtttcgcca
cctctgacttgagcgtcagatttttgtgatgctcgtcagggggggcggagcctatggaaaaacgccagcaacgcggcctttttacggttctggtcctt
tgctggccttttctcagatgttcttctcgttatcccctgattctgtggataaccgtattaccgctttgagtgagctgataaccgctcgcgcagcc
gaacgaccgagcgcagcagtc