

228

T7 promoter

lacO

CGCGAAATTAA ATACGACTCA CTATAGGGGA ATTGTGAGCG GATAACAATT CCCCTCTAGA AATAATTGG TTTAACTTTA AGAAGGAGAT
 CTTAATTAT GCTGAGTGAT ATCCCCCTAA CACTCGCCTA TTGTTAAGGG GAGATCTTTA TTAAAACAAA TTGAAATTCT TCCTCTATAT

Enterokinase recognition site Enterokinase cleavage site

... ala gly ser gly ser gly asp asp asp asp lys^{*} leu gly ile arg tyr gln ile
 ATACATAC [REDACTED] GCC GGC TCT GGA TCC GGT GAT GAC GAT GAC AAG CTG GGA ATT CGG TAC CAG ATC
 TATGTATG CGG CCG AGA CCT AGG CCA CTA CTG CTA CTG TTC GAC CCT TAA GCC ATG GTC TAG

HP-Thioredoxin

thr ser leu tyr lys lys ala ser ala phe leu tyr lys val val ile lys leu glu gly
 ACA AGT TTG TAC AAA AAA GCT NN- - - - - NAC CCA GCT TTC TTG TAC AAA GTG GTG ATC AAG CTT GAA GGT
 TGT TCA AAC ATG TTT TTT CGA NN- - - - - NTG GGT CGA AAG AAG ATG TTT CAC CAC TAG TTC GAA CTT CCA

attB1

attB2

V5 epitope (His)₆ tag ***

lys pro ile pro asn pro leu leu gly leu asp ser thr arg thr gly his his his his his his***
 AAG CCT ATC CCT AAC CCT CTC CTC GGT CTC GAT TCT ACG CGT ACC GGT CAT CAT CAC CAT CAC CAT TGA G
 TTC GGA TAG GGA TTG GGA GAG GAG CCA GAG CTA AGA TGC GCA TGG CCA GTA GTA GTG GTA GTG GTA ACT C

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