



--- A GAT CGA TCT CGA TCC CGC GAA ATT AAT ACG ACT CAC TAT AGG GGA ATT GTG AGC GGA TAA CAA TTC CCC TCT AGA AAT AAT TTT GTT TAA CTT TAA GAA GGA GAT

T7 promoter
lac operator
Xba I
rbs

ATA CAT ATG AAA GAA ACC GCT GCT GCT AAA TTC GAA CGC CAG CAC ATG GAC AGC CCA GAT CTG GGT ACC CTG GTG CCA CGC GGT TCC ATG GGA TAT CTG TGG ATC

Nde I
S tag
Bgl II
Kpn I
Nco I
EcoR V
BamH I

M K E T A A A K F E R Q H M D S P D L G T L V P R G S M G Y L W I

thrombin site

CGA ATT CGA GCT CCG TCG ACA AGC TTG CGG CCG CAC TCG AGC ACC ACC ACC ACC ACT GAG ATC CGG CTG CTA ACA AAG CCC GAA AGG AAG CTG AGT TGG CTG

EcoR I
Sac I
Sal I
Hind III
Not I
Xho I
His tag

R I R A P S T S L R P H S S T T T T T T E I R L L T K P E R K L S W L

CTG CCA CCG CTG AGC AAT AAC TAG CAT AAC CCC TTG GGG CCT CTA AAC GGG TCT TGA GGG GTT TTT TG ---

Blp I
T7 terminator

L P P L S N N Stop