



GenScript

Make Research Easy

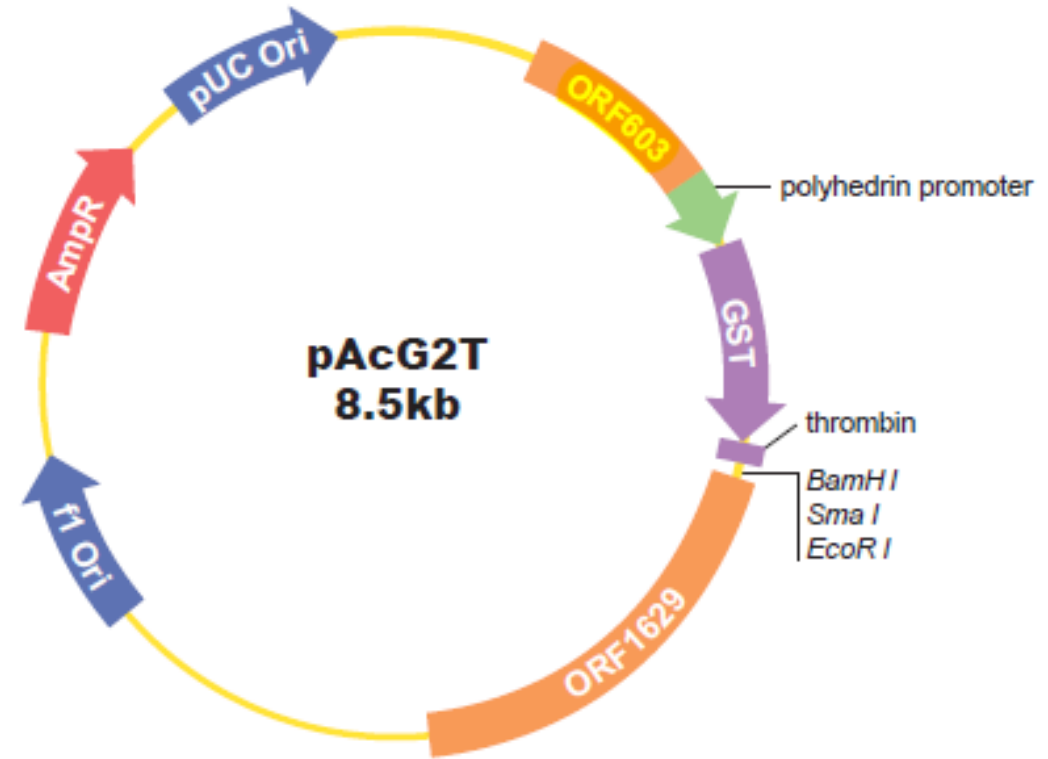
LISTA DE VETORES DE EXPRESSÃO

Vetores para expressão em insetos e outros.

VETORES DE EXPRESSÃO EM INSETOS/OUTROS

pAcG2T	pBAC-1
pAcGHLT A	pBacPAK8
pAcGHLT B	pBacPAK9
pAcGHLT C	pFastBac-Dual
pAcHLT A	pFastBac1
pAcHLT B	pFastBacHT-A
pAcHLT C	pFastBacHT-B
pAcSG2	pFastBacHT-C

pAcG2T

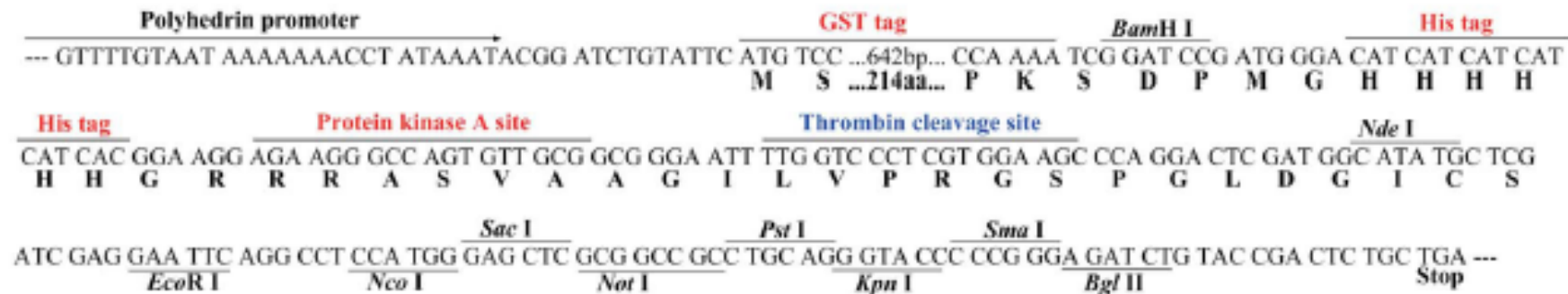
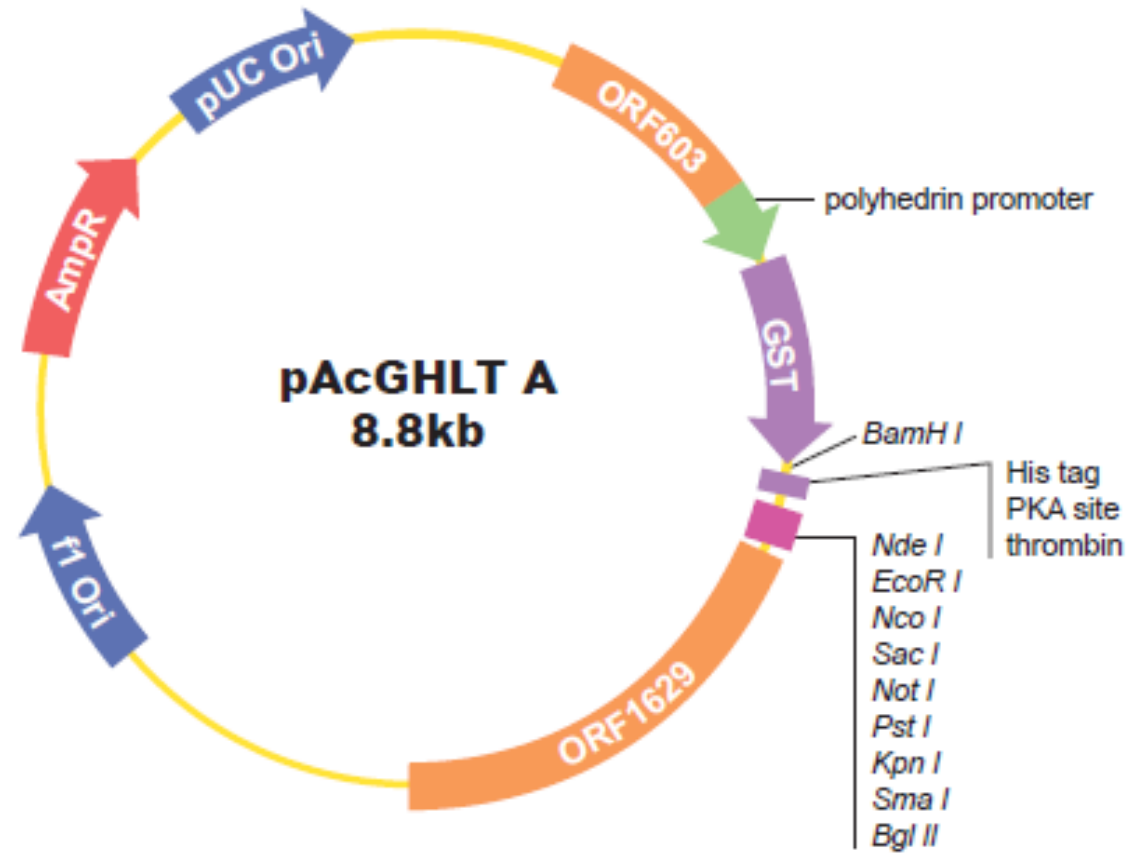


Polyhedrin promoter GST tag
 --- TTTCGTAACA GTTTTGTAAT AAAAAAACCT ATAAATACGG ATCTGTATTC ATG TCC CCT ATA CTA GGT TAT
M S P I L G Y

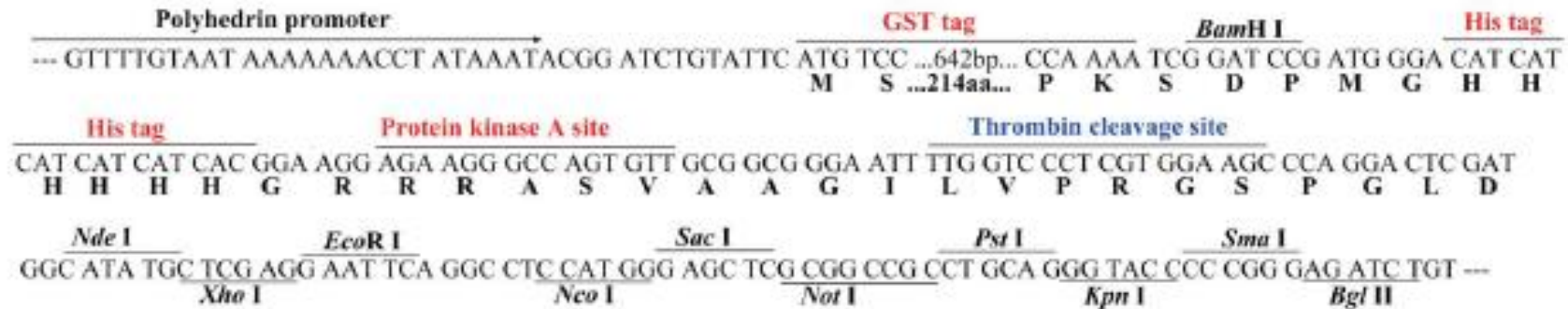
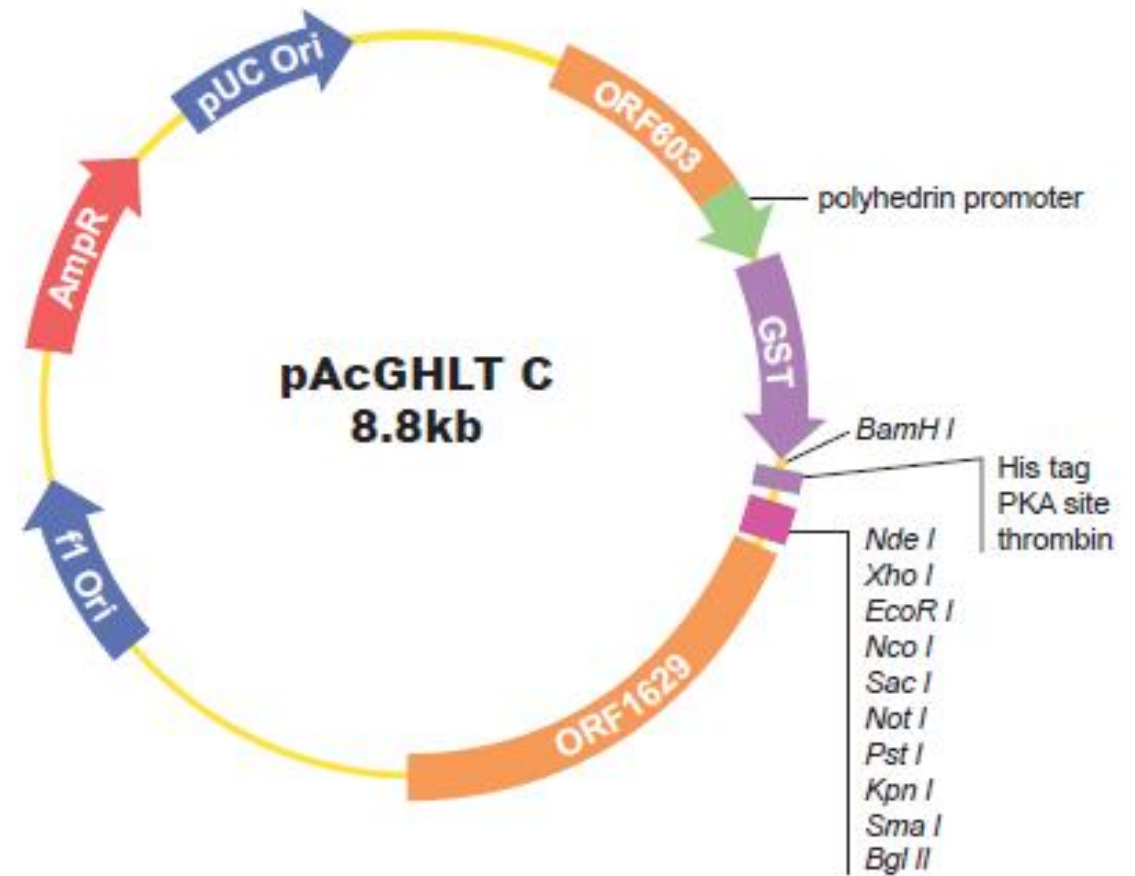
GST tag Thrombin cleavage site *Sma*I *Eco*R I
 TGG ...621bp... CCT CCA AAA TCG GAT CTG GTT CCG CGT GGA TCC CCG GGA ATT CAT CGT GAC TGA CTG---
*Bam*HI

W ...207aa... P P K S D L V P R G S P G I H R D Stop ---

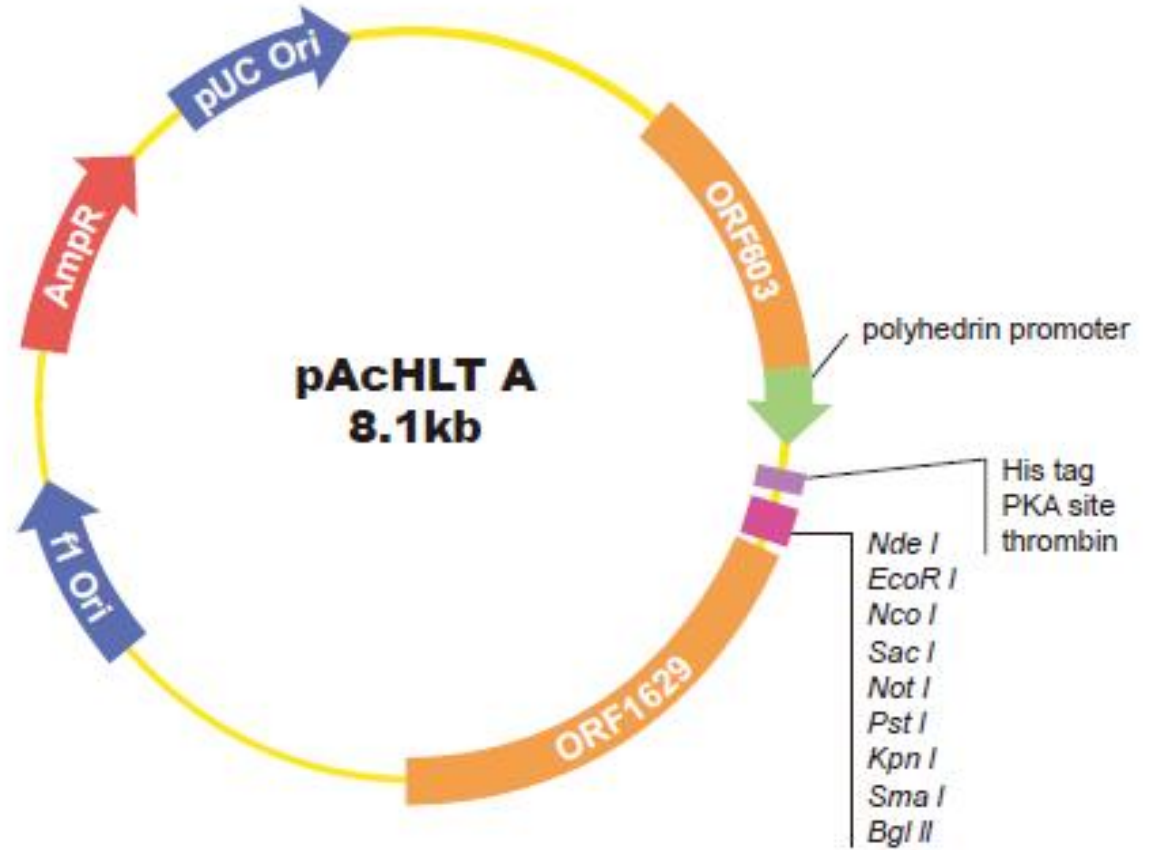
pAcGHLT A



pAcGHLT C



pAcHLT A



Polyhedrin promoter **His tag**

--- GTTTGTAAAT AAAAAAACCT ATAAATACGG ATCTGTATTC ATG TCC CCT ATA GAT CCG ATG GGA CAT CAT CAT CAT CAT CAC
M S P I D P M G H H H H H H

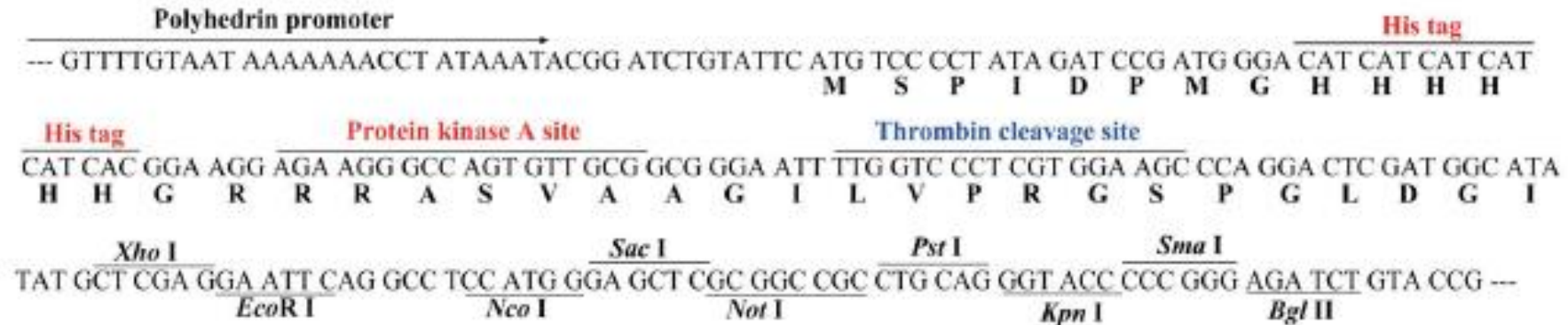
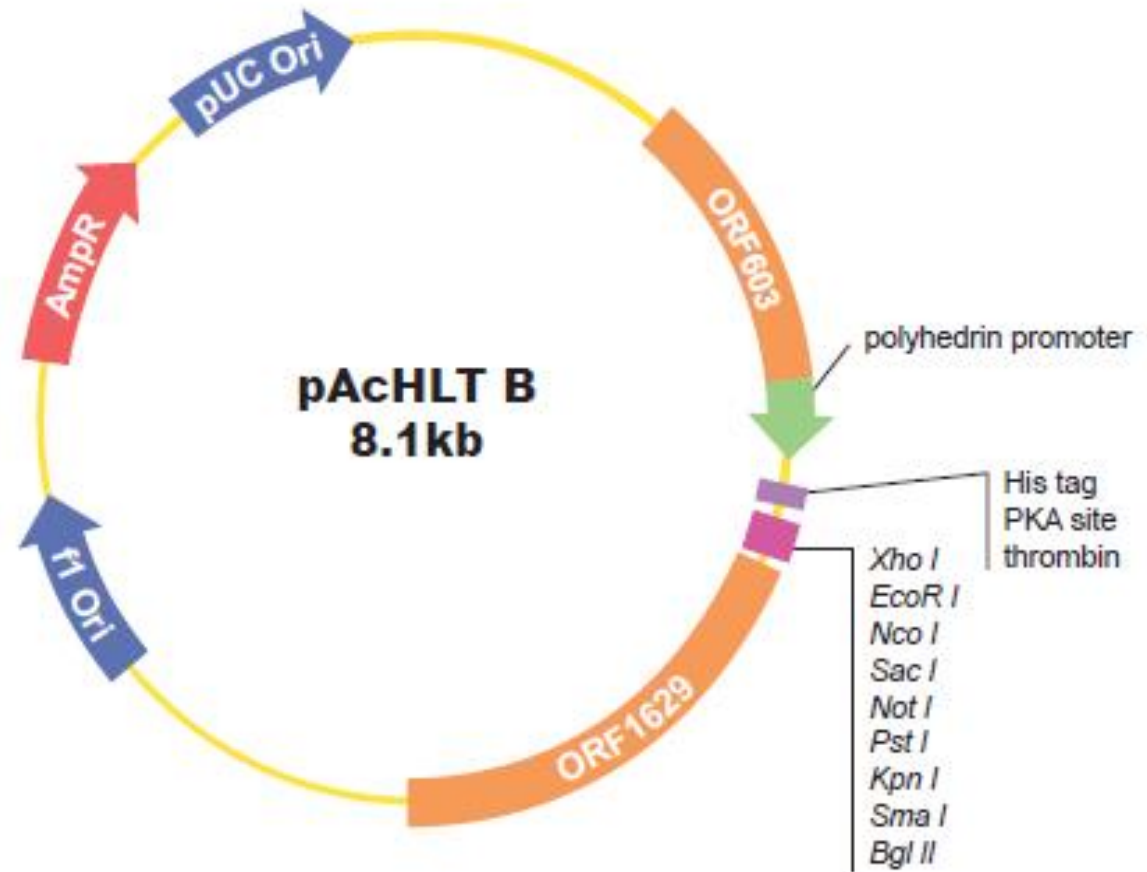
Protein kinase A site **Thrombin cleavage site** **Nde I**

GGA AGG AGA AGG GCC AGT GTT GCG GCG GGA ATT TTG GTC CCT CGT GGA AGC CCA GGA CTC GAT GGC ATA TGC TCG ATC
G R R R A S V A A G I L V P R G S P G L D G I C S I

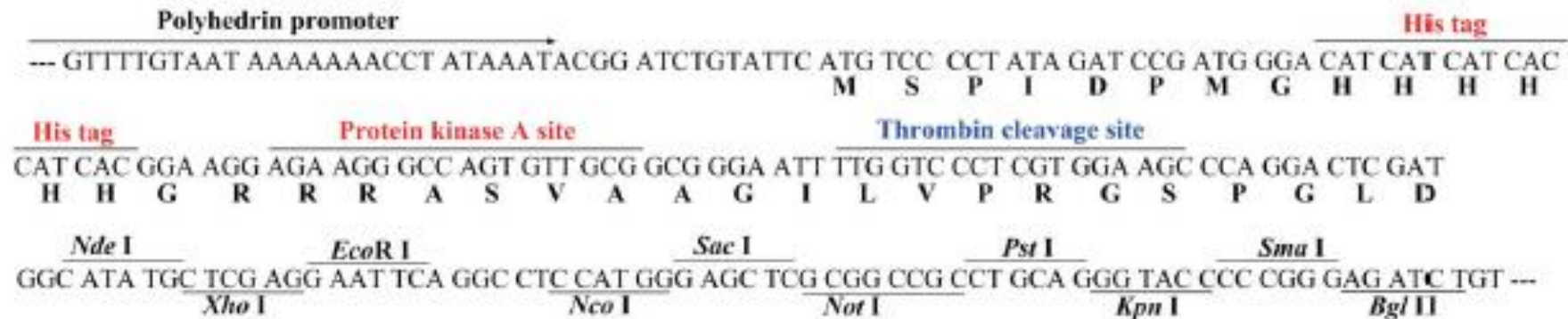
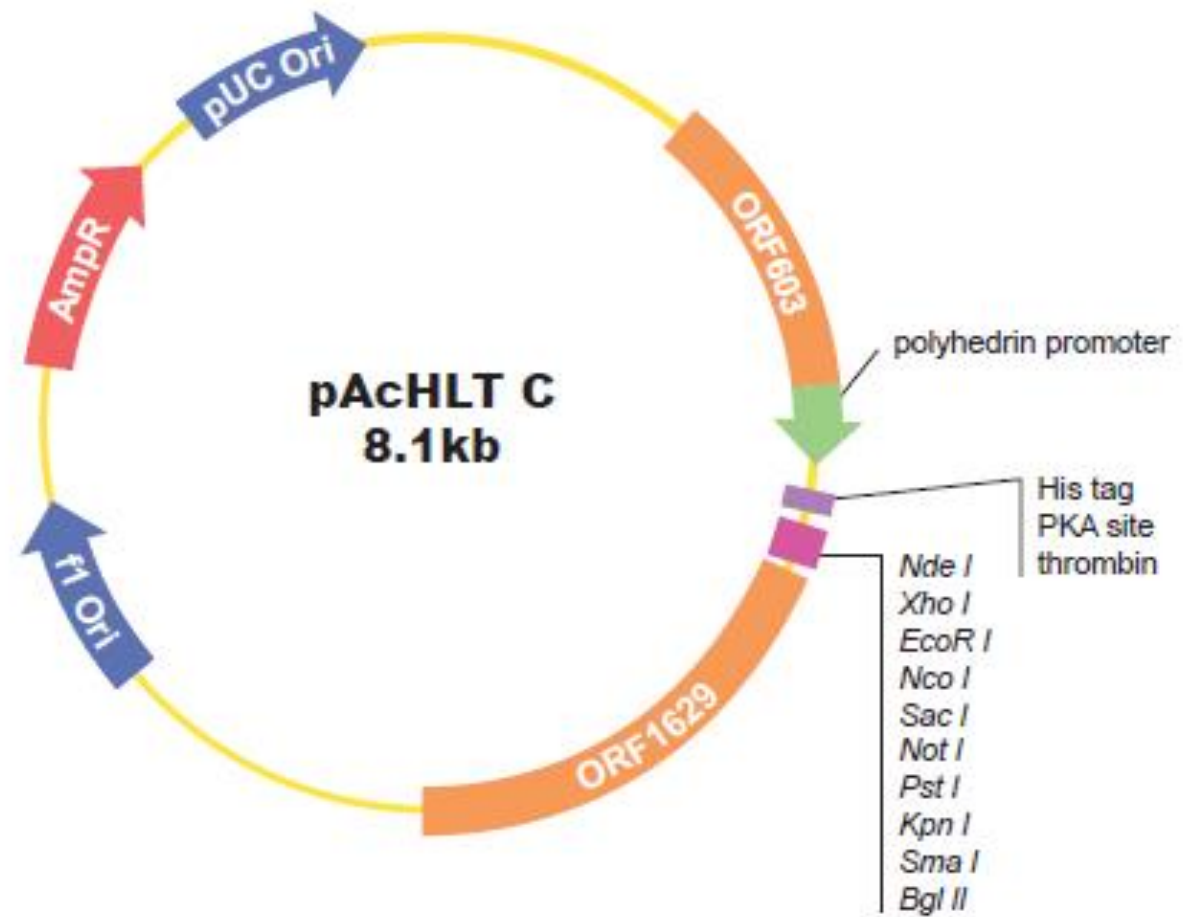
EcoR I **Nco I** **Sac I** **Not I** **Pst I** **Kpn I** **Sma I** **Bgl II** **Stop**

GAG GAA TTC AGG CCT CCA TGG GAG CTC GCG GCC GCC TGC AGG GTA CCC CCG GGA GAT CTG TAC CGA CTC TGC TGA ---

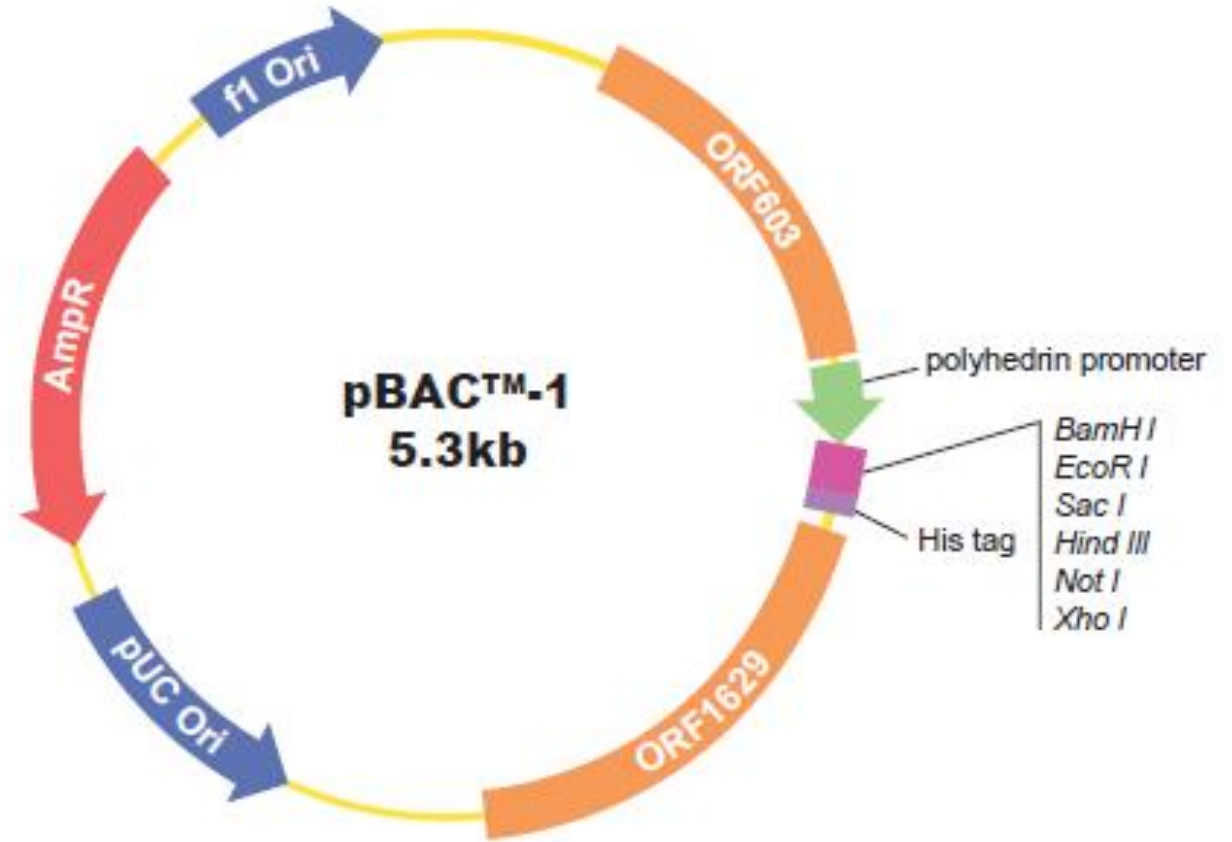
pAcHLT B



pAcHLT C



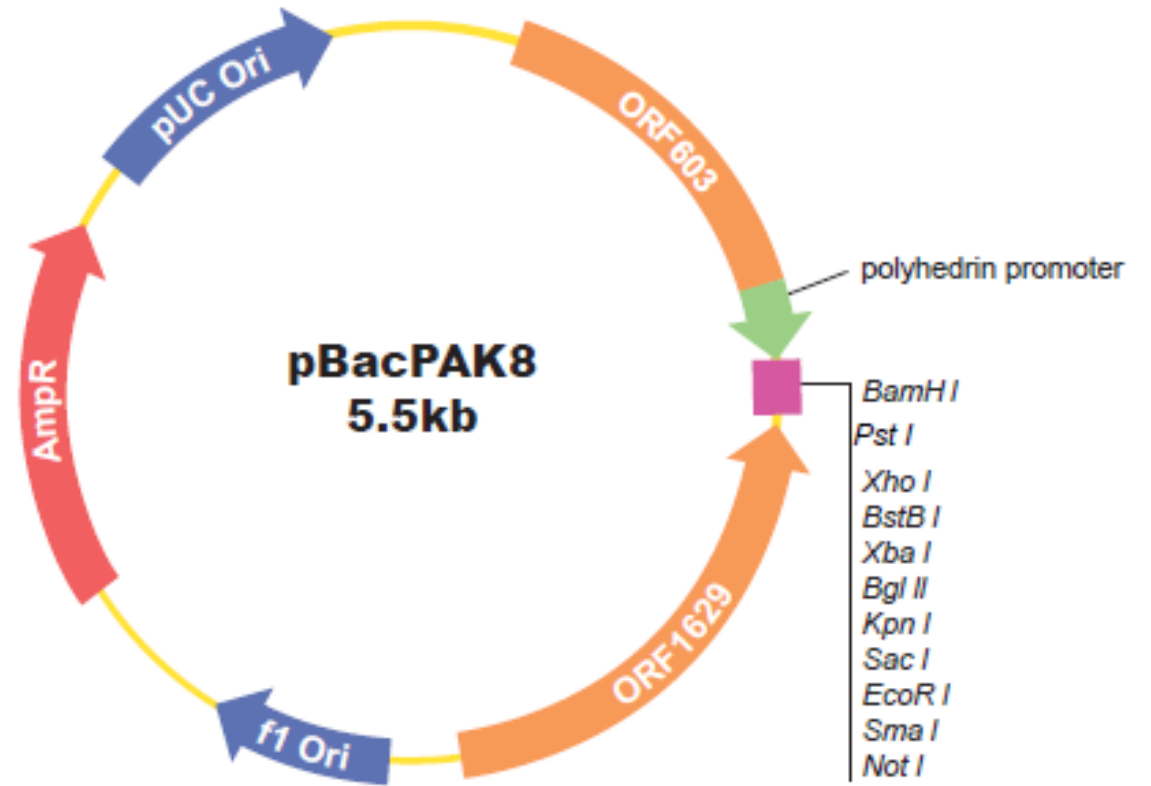
pBAC-1



Polyhedrin promoter → ***Bam*H I** ***Eco*R I** ***Hind* III** ***Xho* I**
 --- GTTTGTAAAT AAAAAAACCT ATAAATATAGG ATCCAGGCCT GAATTCGAGC TCCAAGCTTG CGGCCGCACT CGAG
Sac I *Not* I

His tag
 CAC CAC CAC CAC CAC CAC TAA CCT AGG ---
 H H H H H H Stop ---

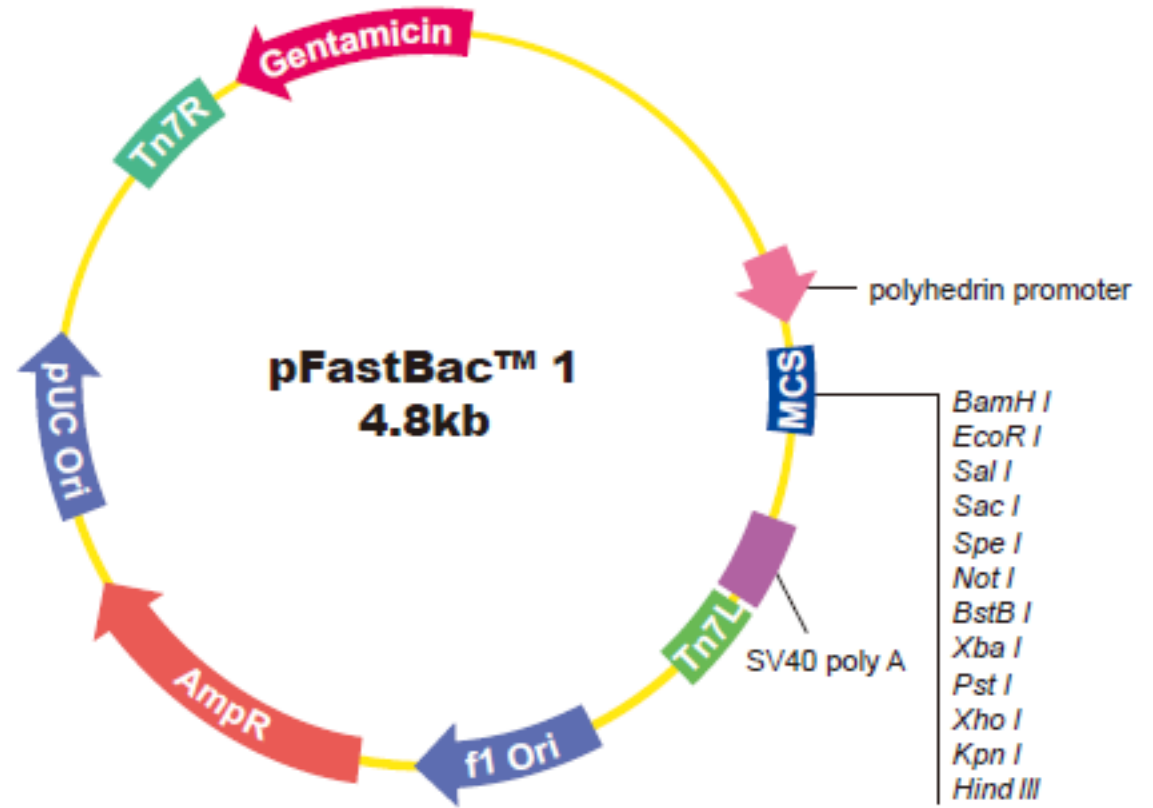
pBacPAK8



Polyhedrin promoter → *BamHI* *PstI* *XhoI* *XbaI* *KpnI*
 --- GTTTGTAAAT AAAAAAACCT ATAAATACG GATCCCTGCA GGCCTCGAGT TCGAATCTAG AAGATCTGGT ACC
BstB I *Bgl II*

EcoRI *Not I*
 GAGCTCG AATTCCCGGG CGGCCGCTTA ATTAATTGAT CCGGGTTATT ---
Sac I *Sma I* Stop Stop Stop

pFastBac1



Polyhedrin promoter

--- TTTTACTGTT TTCGTAACAG TTTTGTAAT AAAAAAACCTATA AATATTCC GGATTATTCA TACCGTCCCA

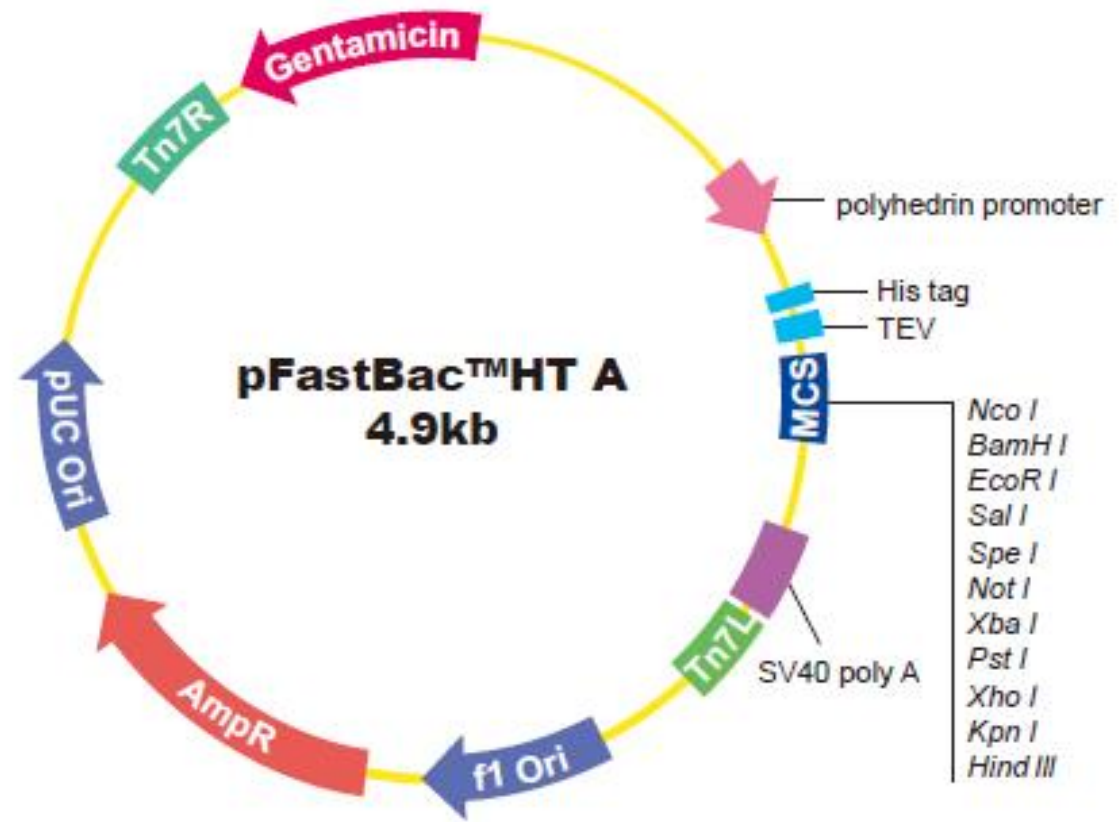
CCATCGGGCG CGGATCCCGG TCCGAAGCGC GCGGAATTCA AAGGCCTACG TCGACGAGCT CACTAGTC

BamH I *EcoR I* *Sal I* *Sac I* *Spe I*

GC GGCCGCTTTC GAATCTAGAG CCTGCAGTCT CGAGGCATGC GGTACCAAGC TTGTCGAGAA GTACTAG---

Not I *BstB I* *Xba I* *Pst I* *Xho I* *Kpn I* *Hind III*

pFastBacHT-A



Polyhedrin promoter →

--- AAAAAAACCTA TAAATATTCC GGATTATTCA TACCGTCCCA CCATCGGGCG CGGATCTCGG TCCGAAACC

ATG TCG TAC TAC CAT CAC CAT CAC CAT CAC GAT TAC GAT ATC CCA ACG ACC GAA AAC CTG TAT TTT CAG GGC

M S Y Y H H H H H D Y D I P T T E N L Y F Q G

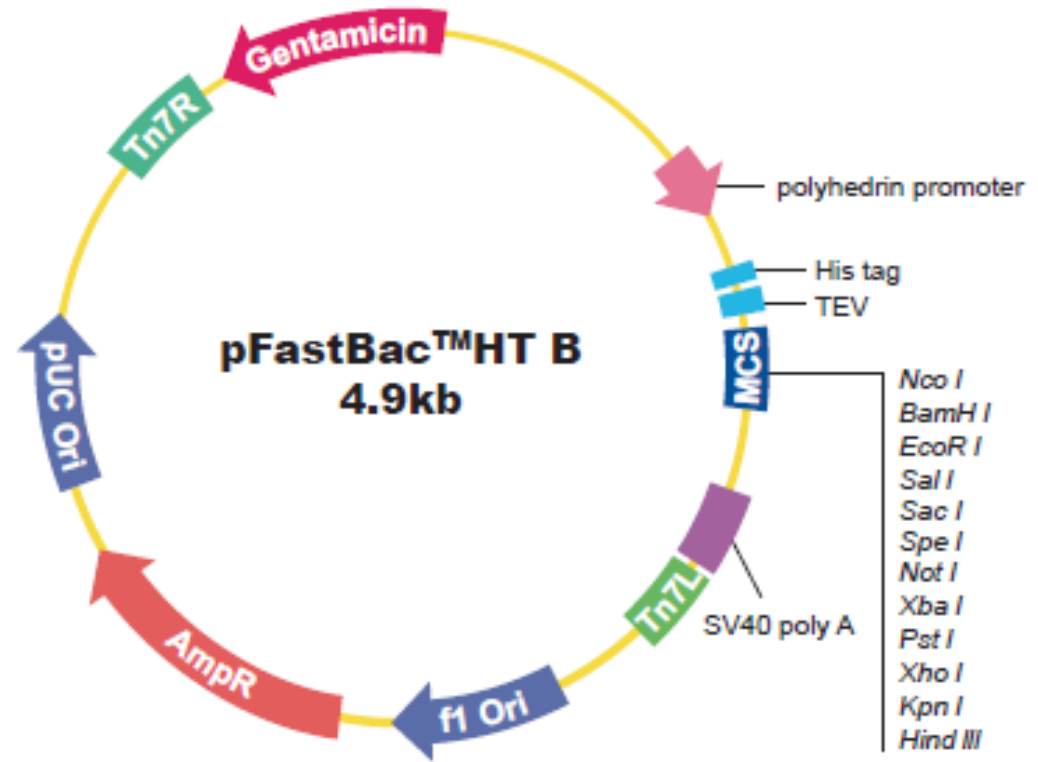
GCC ATG GAT CCG GAA TTC AAA GGC CTA CGT CGA CGA GCT CAA CTA GTG CGG CCG CTT TCG AAT CTA GAG

Nco I *BamH I* *EcoR I* *Sal I* *Spe I* *Not I* *Xba I*

CCT GCA GTC TCG AGG CAT GCG GTA CCA AGC TTG TCG AGA AGT ACT AGA GGA TCA TAA TCA GCC ATA CCA ---

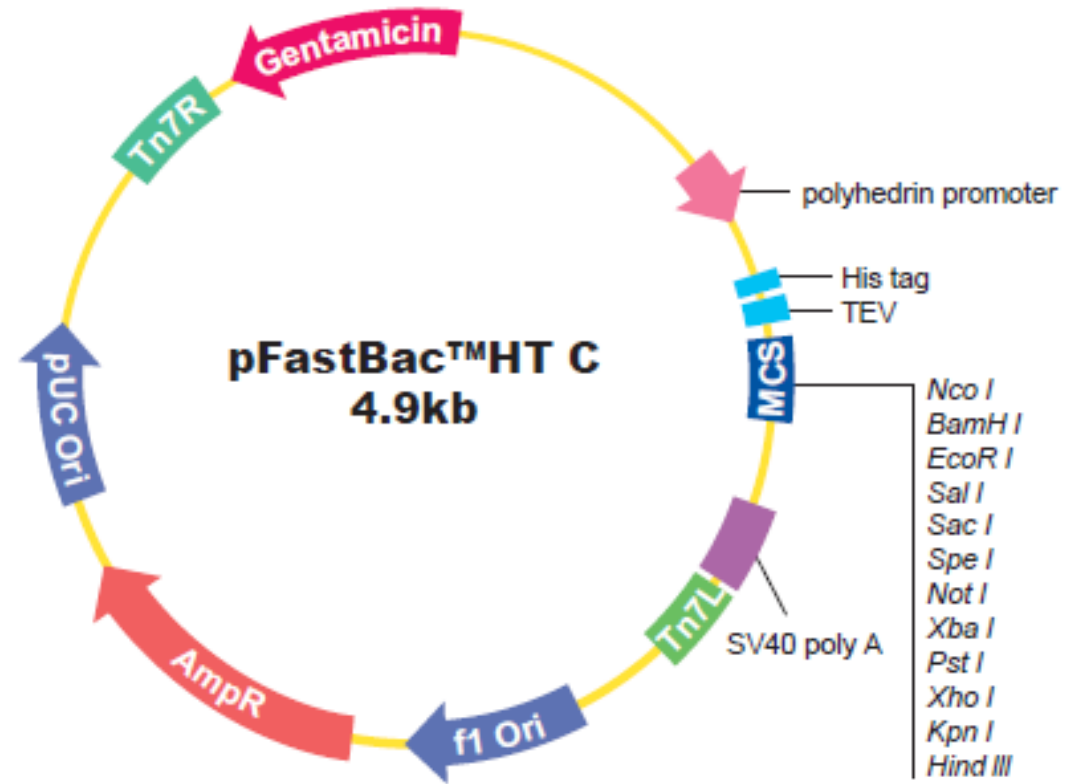
Pst I *Xho I* *Kpn I* *Hind III* stop

pFastBacHT-B



Polyhedrin promoter
 --- AAAAAACCTA TAAATATTCC GGATTATTCA TACCGTCCCA CCATCGGGCG CGGATCTCGG TCCGAAACC
 ATG TCG TAC TAC CAT CAC CAT CAC CAT CAC GAT TAC GAT ATC CCA ACG ACC GAA AAC CTG TAT TTT CAG GGC
 M S Y Y H H H H H D Y D I P T T E N L Y F Q G
 GCG ATG GGA TCC GGA ATT CAA AGG CCT ACG TCG ACG AGC TCA CTA GTC GCG GCC GCT TTC GAA TCT AGA
Nco I *BamH I* *EcoR I* *Sal I* *Sac I* *Spe I* *Not I* *Xba I*
 GCC TGC AGT CTC GAG GCA TGC GGT ACC AAG CTT GTC GAG AAG TAC TAG ---
Pst I *Xho I* *Kpn I* *Hind III* stop

pFastBacHT-C



Polyhedrin promoter
 --- AAAAAACCTA TAAATATTCC GGATTATTCA TACCGTCCCA CCATCGGGCG CGGATCTCGG TCCGAAACC

His tag TEV recognition site
 ATG TCG TAC TAC CAT CAC CAT CAC CAT CAC GAT TAC GAT ATC CCA ACG ACC GAA AAC CTG TAT TTT CAG GGC
 M S Y Y H H H H H D Y D I P T T E N L Y F Q G

Nco I BamH I EcoR I Sal I Sac I Spe I Not I
 GCC ATG GGG ATC CGG AAT TCA AAG GCC TAC GTC GAC GAG CTC ACT AGT CGC GGC CGC TTT CGA

Xba I Pst I Xho I Kpn I Hind III
 ATC TAG AGC CTG CAG TCT CGA GGC ATG CGG TAC CAA GCT TGT---