



tac promoter
lac operator
synthetic rbs

--- T TGA CAA TTA ATC ATC GGC TCG TAT AAT GTG TGG AAT TGT GAG CGG ATA ACA ATT GAA CAA GAA CAA AGC TTA AGG AGG TAA

Nde I
MBP
Sac I

CAT ATG AAA ATC GAA ... 1068bp ... GCC CTG AAA GAC GCG CAG ACT AAT TCG AGC TCG AAC AAC AAC AAT AAC AAT AAC AAC

M K I E ... 356aa ...
A L K D A Q T N S S S N N N N N N N N

Ava I
EcoRI
BamHI
Xba I
Sal I
Hind III

AAC CTC GGG ATC GAG GGA AGG ATT TCA GAA TTC GGA TCC TCT AGA GTC GAC CTG CAG GCA AGC TTG GCA CTG GCC GTC GTT TTA ---

N L G I E G R I S E F G S S R V D L Q A S L A L A V V L

Factor Xa