



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 AAA ACA TAT AGG ACT TAA TAG GGG GAG ---  
 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 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 N N N  
 Ava I EcoR I BamH I 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