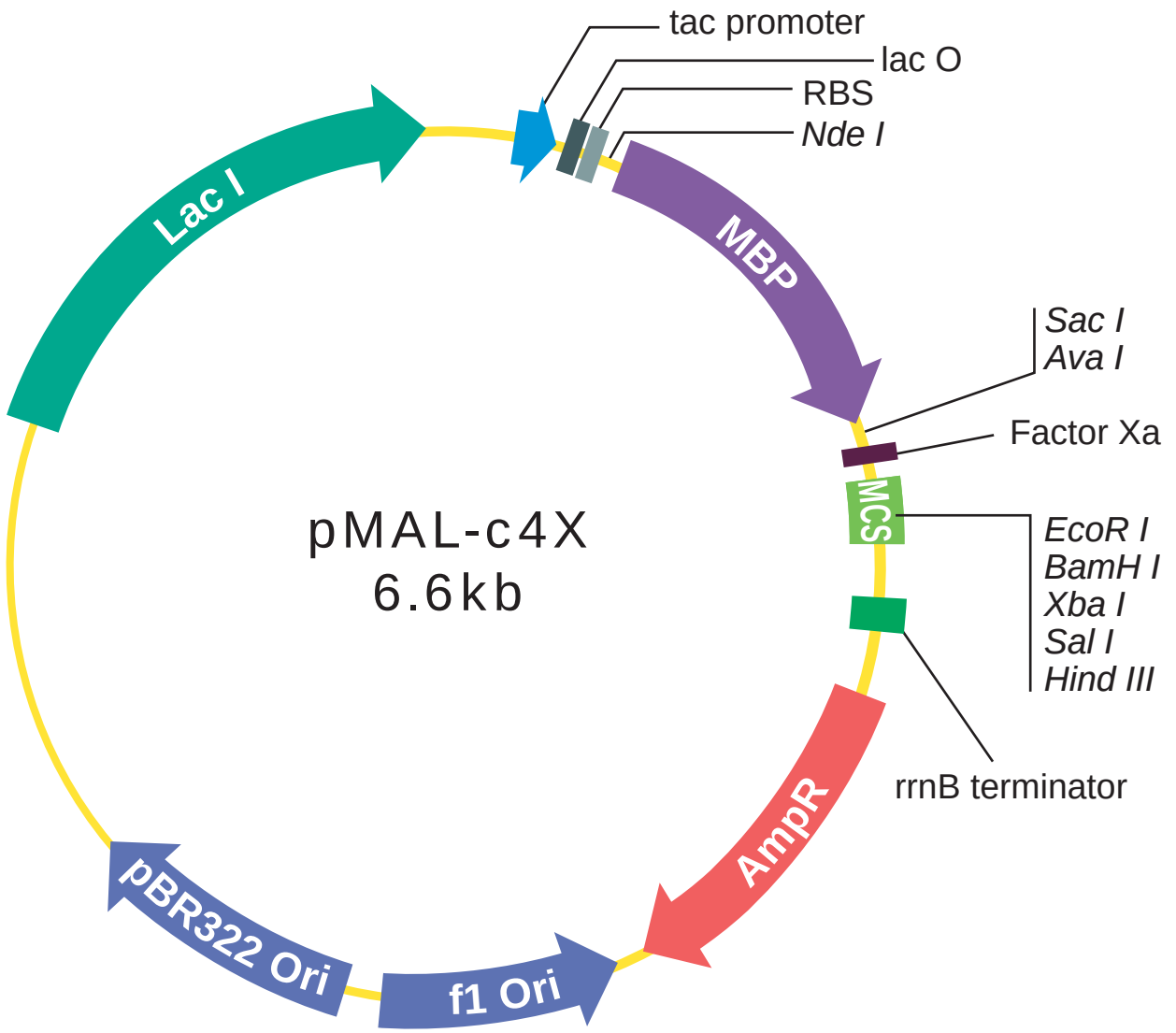

tac promoter — lac operator

--- TT GAC AAT TAA TCA TCG GCT CGT ATA ATG TGT GGA ATT GTG AGC GGA TAA CAA TTT CAC ACA GGA AAC AGC CAG TCC GTT TAG TGG TTT TCA CGA GCA CTT

rbs — *Nde* I — MBP — *Sac* I

CAC CAA CAA GGA CCA TAG 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

Ava I — *Eco*R I — *Bam*H I — *Xba* I — *Sal* I — *Hin*d 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