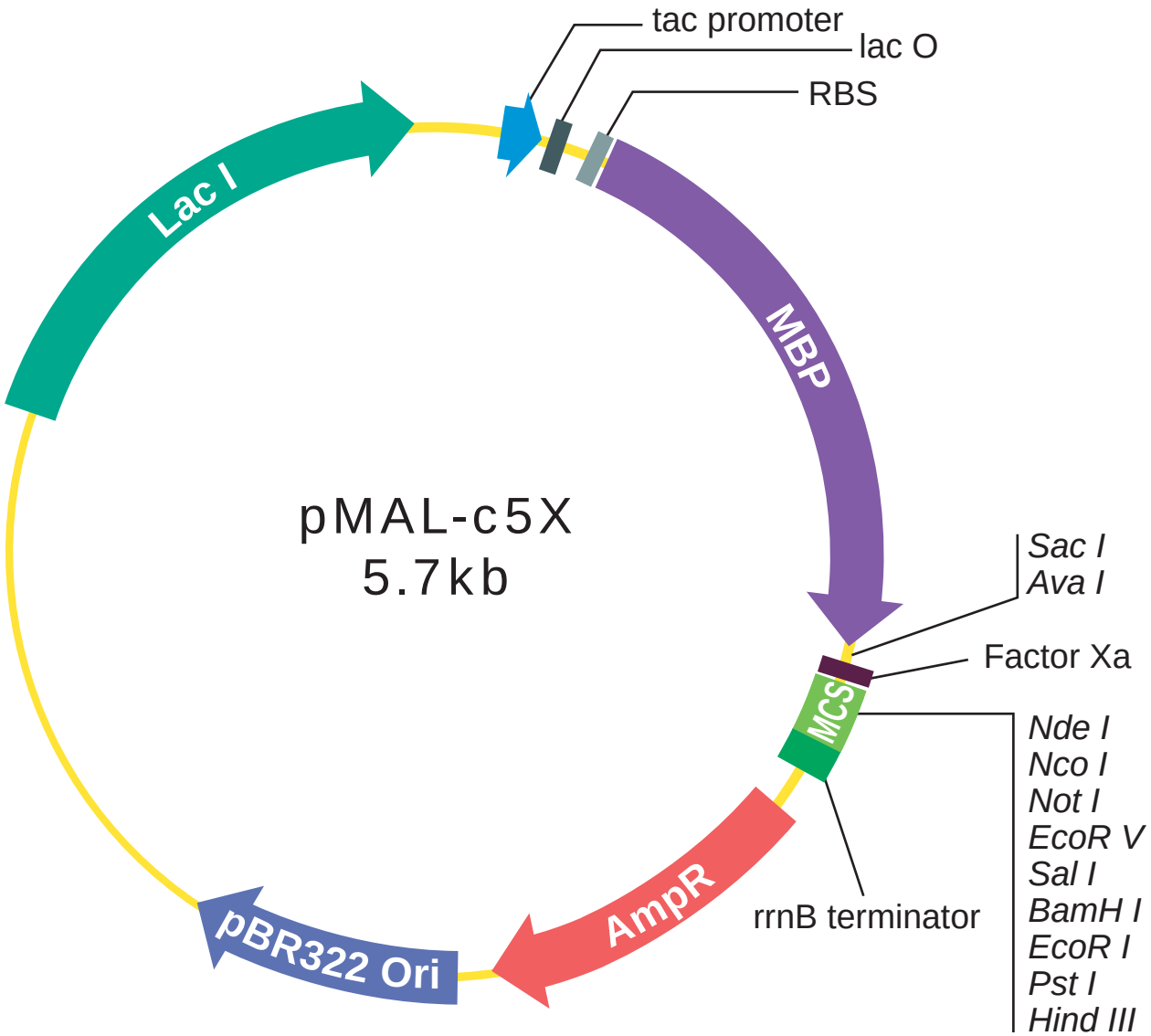

tac promoter — lac operator

--- 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 ATT

rbs — MBP — *Sac* I

GAC CAA CAA GGA CCA TAG ATT 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 — *Nde* I — *Nco* I — *Not* I — *Eco*R V — *Sal* I — *Bam*H I — *Eco*R I — *Pst* I — *Hin*d III

AAC CTC GGG ATC GAG GGA AGG ATT TCA CAT ATG TCC ATG GGC GGC CGC GAT ATC GTC GAC GGA TCC GAA TTC CCT GCA GGT AAT TAA ATA AGC TT ---

N L G I E G R I S H M S M G G R D I V D G S E F P A G N Stop

Factor Xa