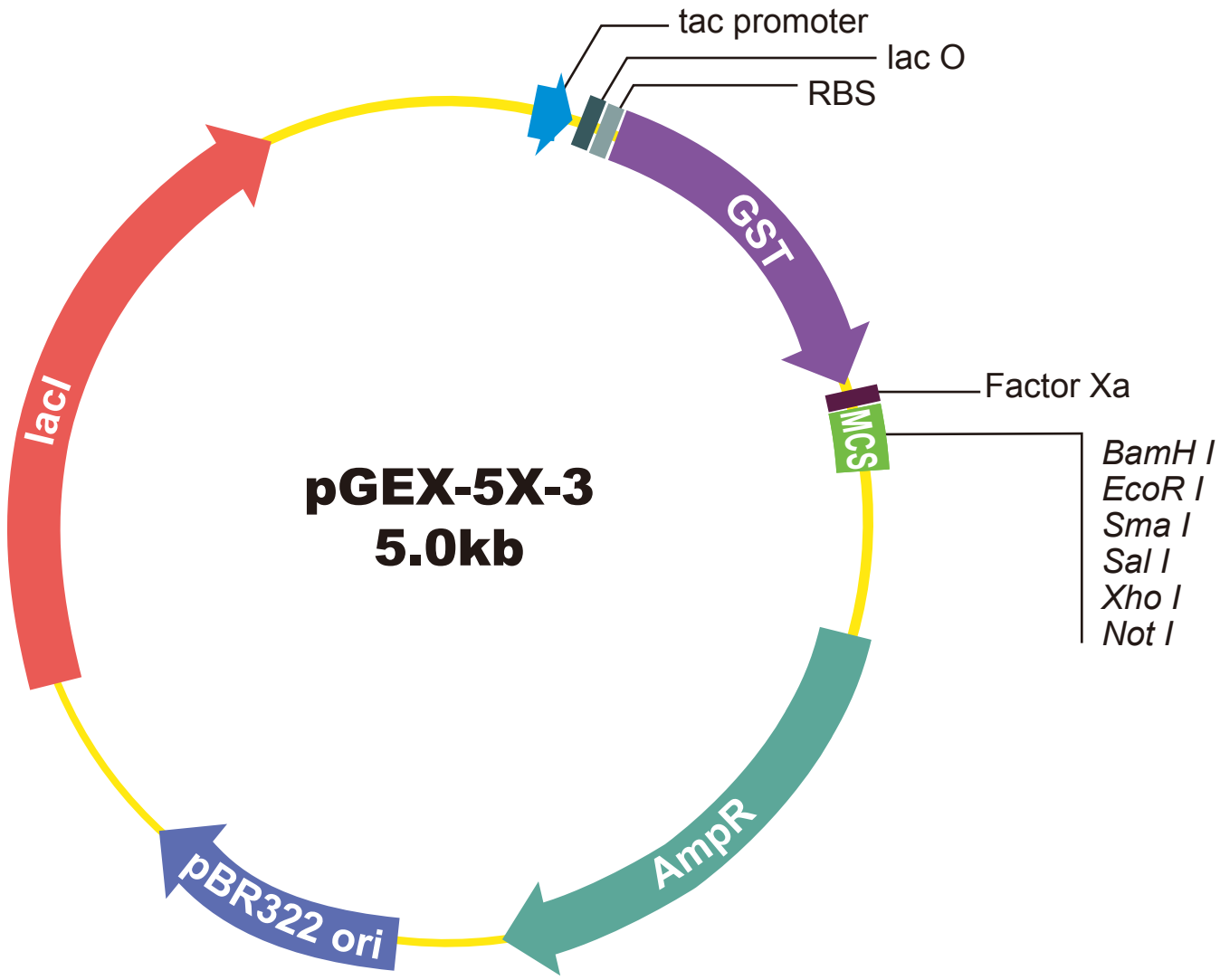

tac promoter — lac operator — rbs — GST tag

--- TTG ACA ATT AAT CAT CGG CTC GTA TAA TGT GTG GAA TTG TGA GCG GAT AAC AAT TTC ACA CAG GAA ACA GTA TTC ATG TCC CCT ATA ... 621bp ... GGT

M S P I ... 207aa ... G

GST tag — *Bam*H I — *Eco*R I — *Sma* I — *Sal* I — *Xho*I I — *Not* I

GGC GAC CAT CCT CCA AAA TCG GAT CTG ATC GAA GGT CGT GGG ATC CCC AGG AAT TCC CGG GTC GAC TCG AGC GGC CGC ATC GTG ACT GAC TGA C ---

G D H P P K S D L I E G R G I P R N S R V D S S G R I V T D Stop

Factor Xa