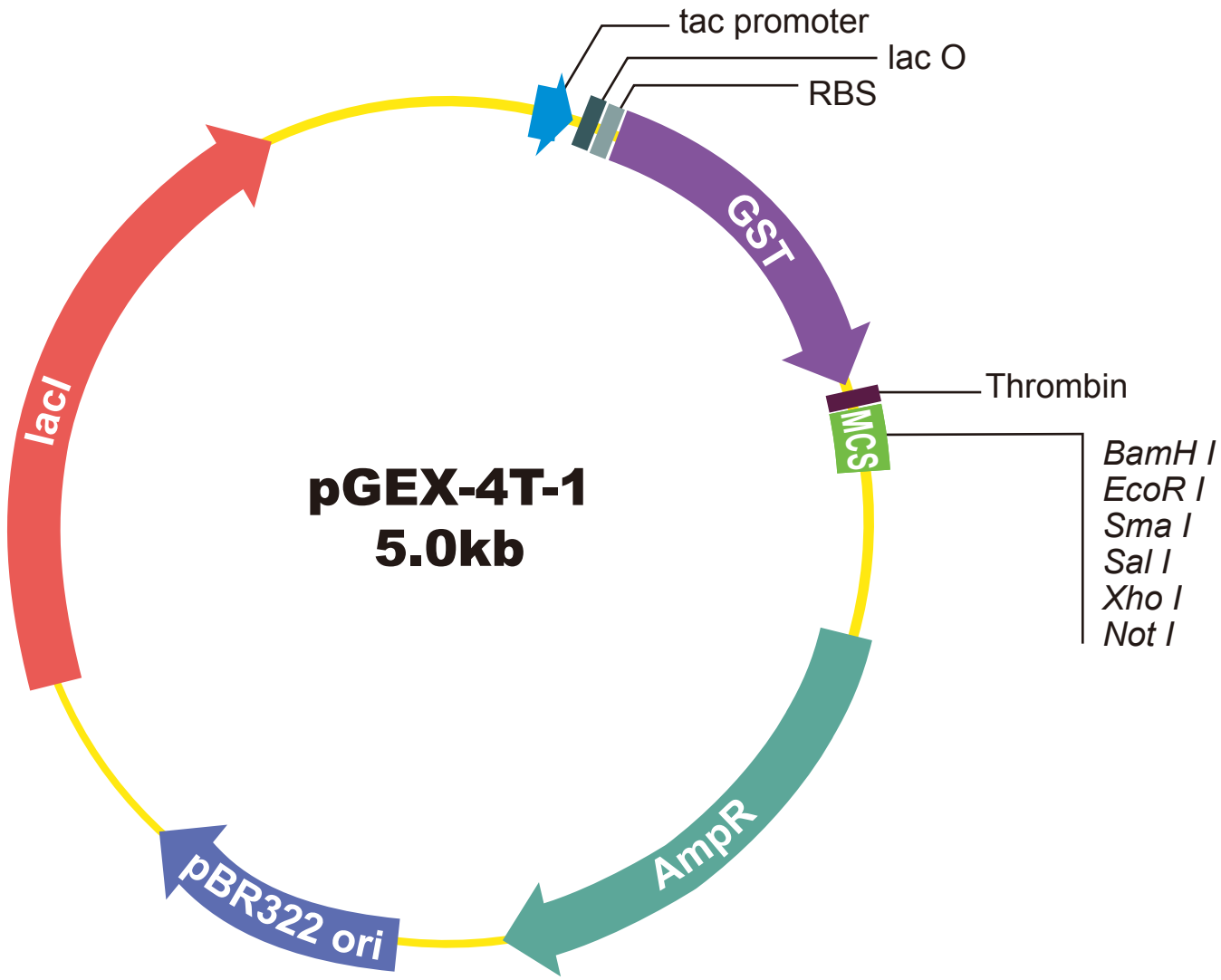

tac promoter → | lac operator | rbs | GST tag

--- 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 | *Not* I

GGC GAC CAT CCT CCA AAA TCG GAT CTG GTT CCG CGT GGA TCC CCG GAA TTC CCG GGT CGA CTC GAG CGG CCG CAT CGT GAC TGA CTG ACG ---

G D H P P K S D L V P R G S P E F P G R L E R P H R D Stop

thrombin site