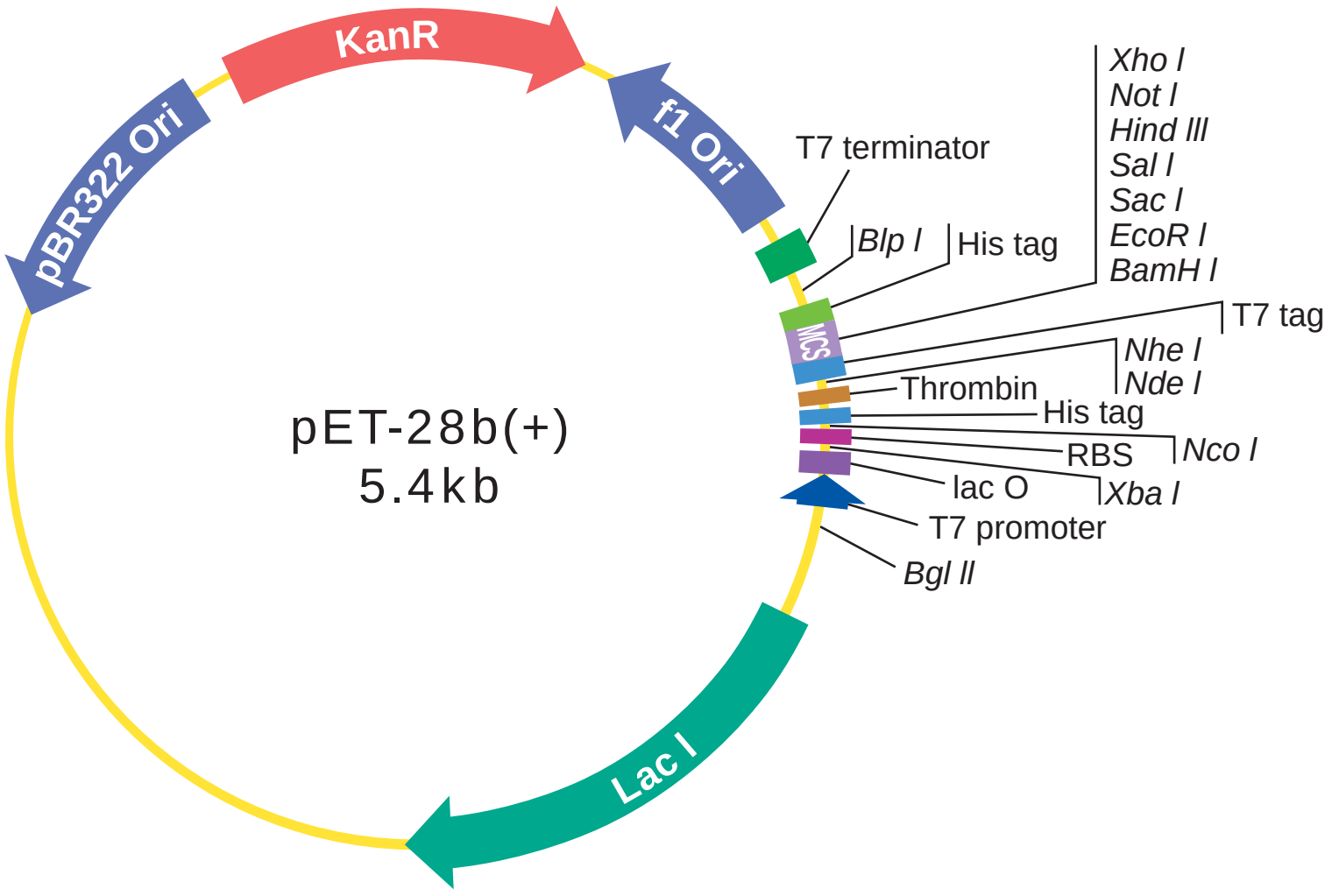

Bgl II — T7 promoter — lac operator — Xba I — rbs

--- AG ATC TCG ATC CCG CGA AAT TAA TAC GAC TCA CTA TAG GGG AAT TGT GAG CGG ATA ACA ATT CCC CTC TAG AAA TAA TTT TGT TTA ACT TTA AGA AGG AGA

Nco I — His tag — Nde I — Nhe I — T7 tag

TAT ACC ATG GGC AGC AGC CAT CAT CAT CAT CAT CAC AGC AGC GGC CTG GTG CCG CGC GGC AGC CAT ATG GCT AGC ATG ACT GGT GGA CAG CAA ATG GGT

M G S S H H H H H H S S G L V P R G S H M A S M T G G E E M G

thrombin site

BamH I — EcoR I — Sac I — Sal I — Hind III — Not I — Xho I — His tag

CGG GAT CCG AAT TCG AGC TCC GTC GAC AAG CTT GCG GCC GCA CTC GAG CAC CAC CAC CAC CAC CAC TGA GAT CCG GCT GCT AAC AAA GCC CGA AAG GAA

R D P N S S S V D K L A A A L E H H H H H H Stop

Blp I — T7 terminator

GCT GAG TTG GCT GCT GCC ACC GCT GAG CAA TAA CTA GCA TAA CCC CTT GGG GCC TCT AAA CGG GTC TTG AGG GGT TTT TTG ---