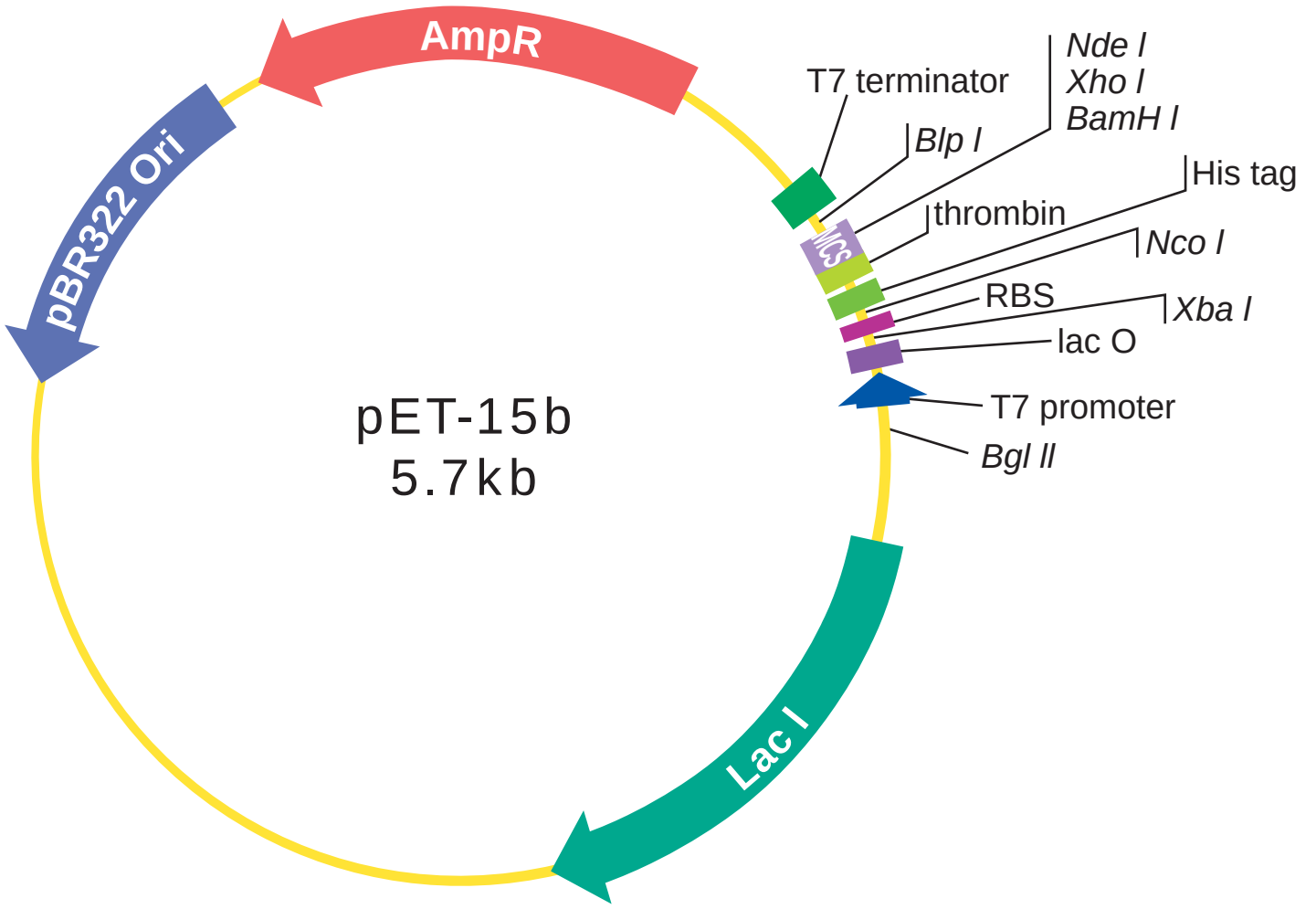

***Bgl* II** — **T7 promoter** → — **lac operator** — ***Xba* I** — **rbs**

--- 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** — ***Xho* I** — ***Bam*H I**

TAT ACC ATG GGC AGC AGC CAT CAT CAT CAT CAT CAC AGC AGC GGC CTG GTG CCG CGC GGC AGC CAT ATG CTC GAG GAT CCG GCT GCT AAC AAA GCC CGA

M G S S H H H H H H S S G L V P R G S H M L E D P A A N K A R

thrombin site

***Blp* I** — **T7 terminator**

AAG GAA 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 ---

K E A E L A A A T A E Q Stop