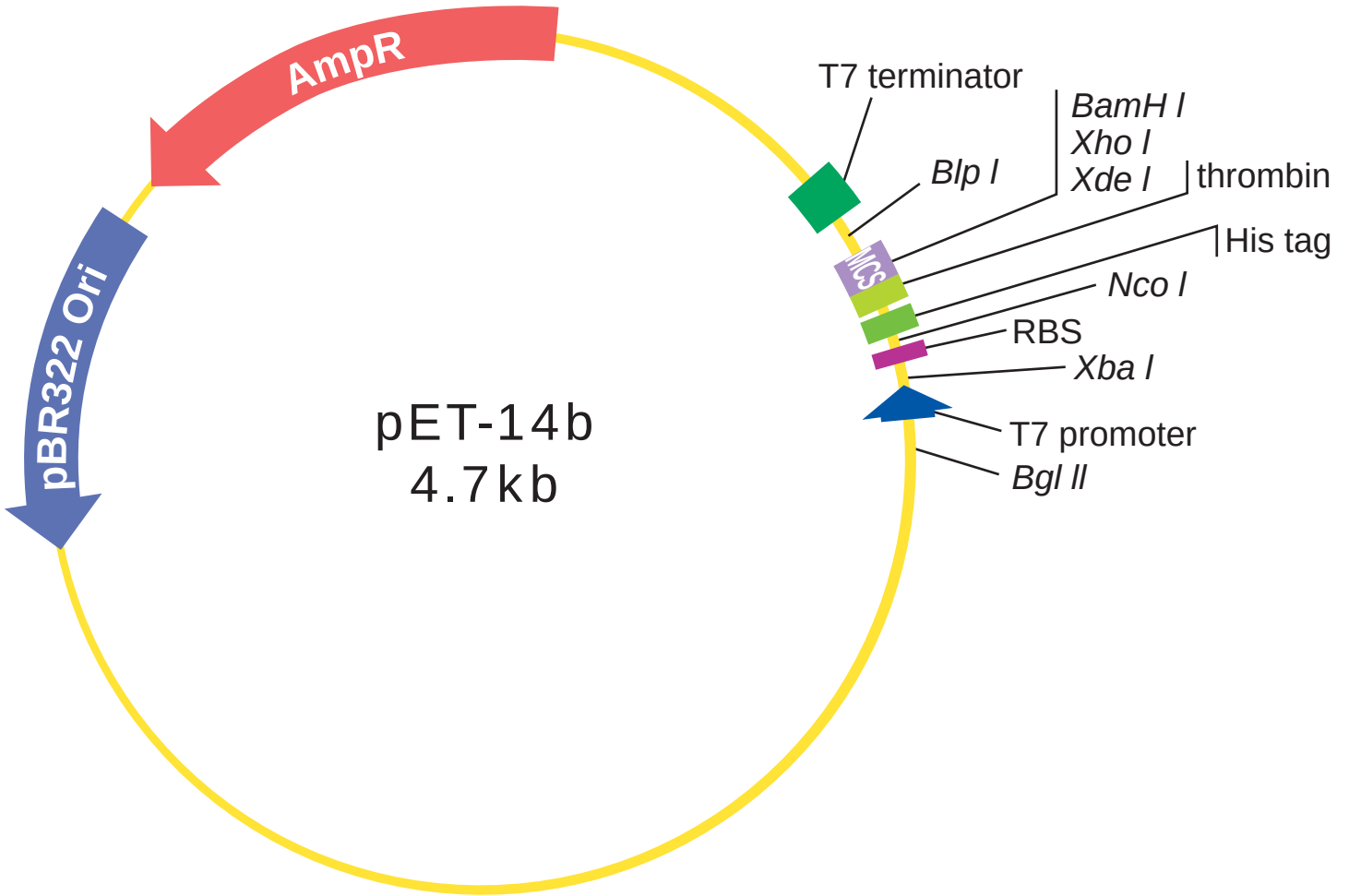

Bgl II — T7 promoter → — *Xba* I — rbs

--- AGA TCT CGA TCC CGC GAA ATT AAT ACG ACT CAC TAT AGG GAG ACC ACA ACG GTT TCC 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