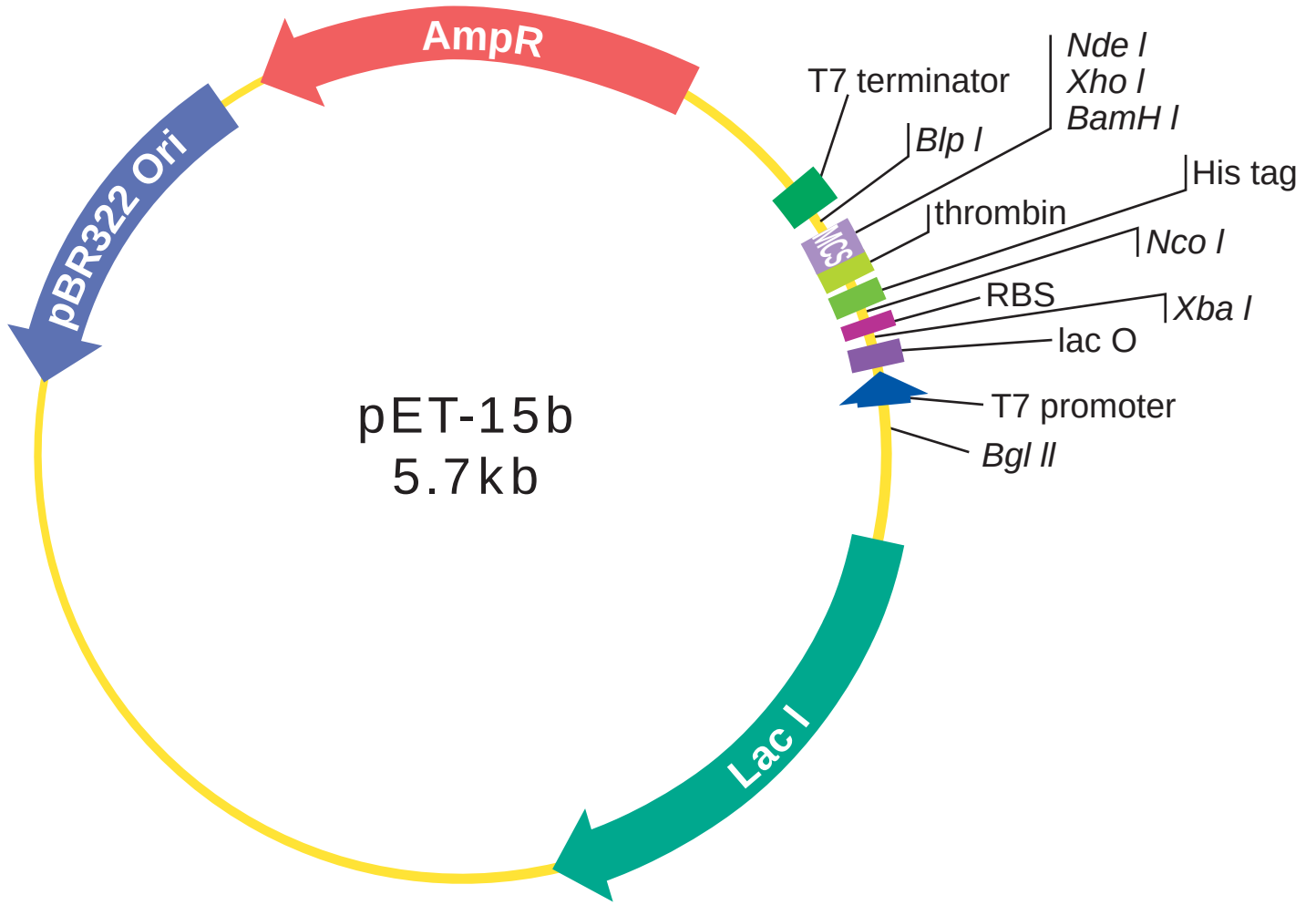


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 Bgl II                    T7 promoter                                lac operator                    Xba I                                   rbs
--- AG ATC TCG ATC CCG CGA AAT TAA TAC GAC TCA CTA TAG GGG AAT TGT GAG CGG ATA ACA ATT CCC CTC TAG AAA TAA TTT TGT TTA ACT TTA AGA AGG AGA

 Nco I                  His tag                                                    Nde I   Xho I  BamH 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
```