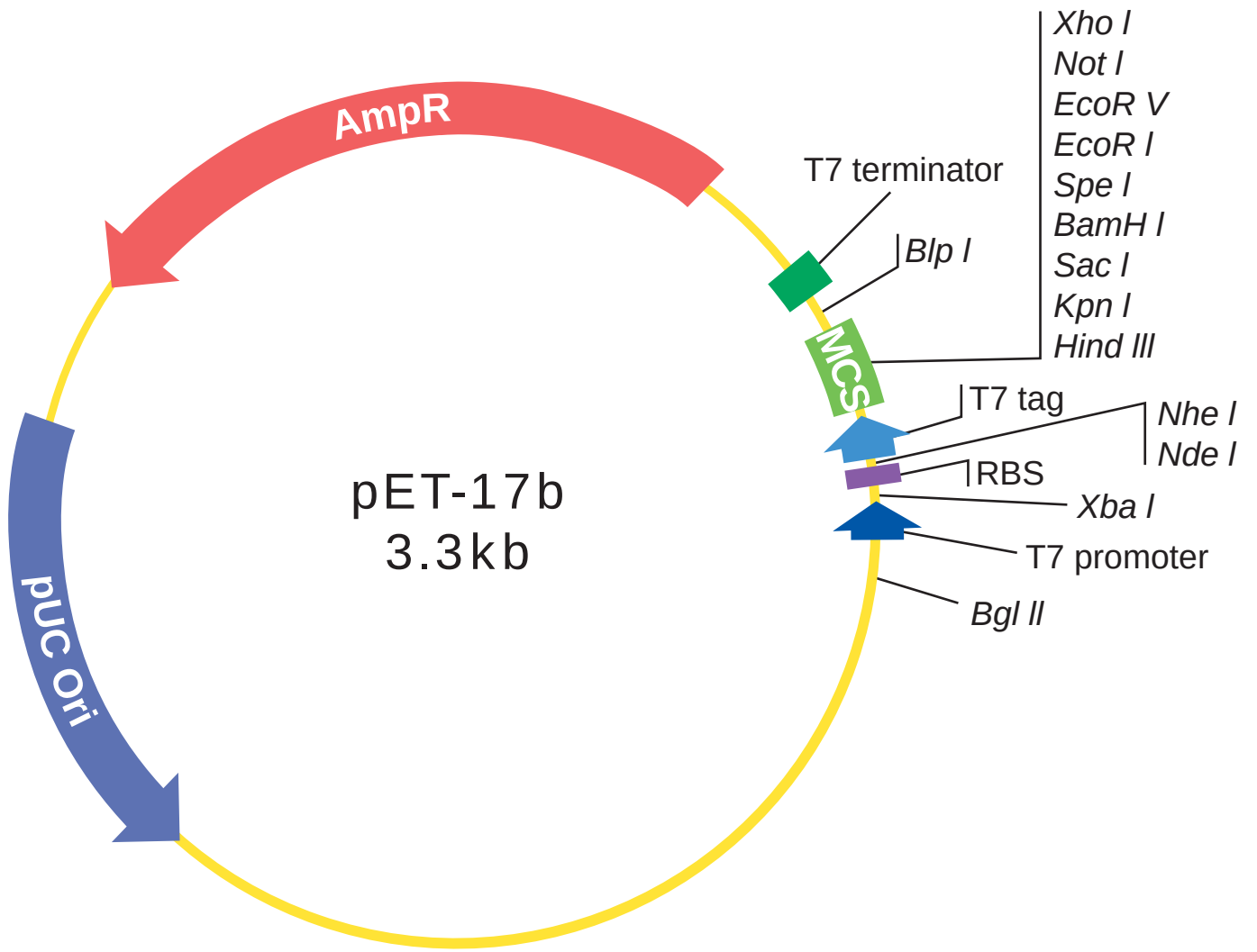

Bgl II — **T7 promoter** → — **Xba I** — **rbs**

--- A GAT CTC GAT CCC GCG AAA TTA ATA CGA CTC ACT ATA GGG AGA CCA CAA CGG TTT CCC TCT AGA AAT AAT TTT GTT TAA CTT TAA GAA GGA GAT

Nde I — **Nhe I** — **T7 tag** — **Hind III** — **Kpn I** — **Sac I** — **BamH I** — **Spe I** — **EcoR I**

ATA CAT ATG GCT AGC ATG ACT GGT GGA CAG CAA ATG GGT CGG GAT TCA AGC TTG GTA CCG AGC TCG GAT CCA CTA GTA ACG GCC GCC AGT GTG CTG GAA TTC

M A S M T G G Q Q M G R D S S L V P S S D P L V T A A S V L E F

EcoR V — **Not I** — **Xho I** — **Blp I**

TGC AGA TAT CCA TCA CAC TGG CGG CCG CTC GAG CAG ATC CGG CTG CTA ACA AAG CCC GAA AGG AAG CTG AGT TGG CTG CTG CCA CCG CTG AGC AAT

C R Y P S H W R P L E Q I R L L T K P E R K L S W L L P P L S N

T7 terminator

AAC TAG CAT AAC CCC TTG GGG CCT CTA AAC GGG TCT TGA GGG GTT TTT TG ---

N **Stop**