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    Bgl II                T7 promoter → lac operator                Xba I                rbs
--- AGA TCT CGA TCC CGC GAA ATT AAT ACG ACT CAC TAT AGG GGA ATT GTG AGC GGA TAA CAA TTC CCC TCT AGA AAT AAT TTT GTT TAA CTT TAA GAA GGA GAT

    Nde I  Nhe I   T7 tag                BamHI                Bsp I
ATA CAT ATG GCT AGC ATG ACT GGT GGA CAG CAA ATG GGT CGG ATC CGG CTG CTA ACA AAG CCC GAA AGG AAG CTG AGT TGG CTG CTG CCA CCG CTG AGC AAT
      M  A  S  M  T  G  G  Q  Q  M  G  R  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
  
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