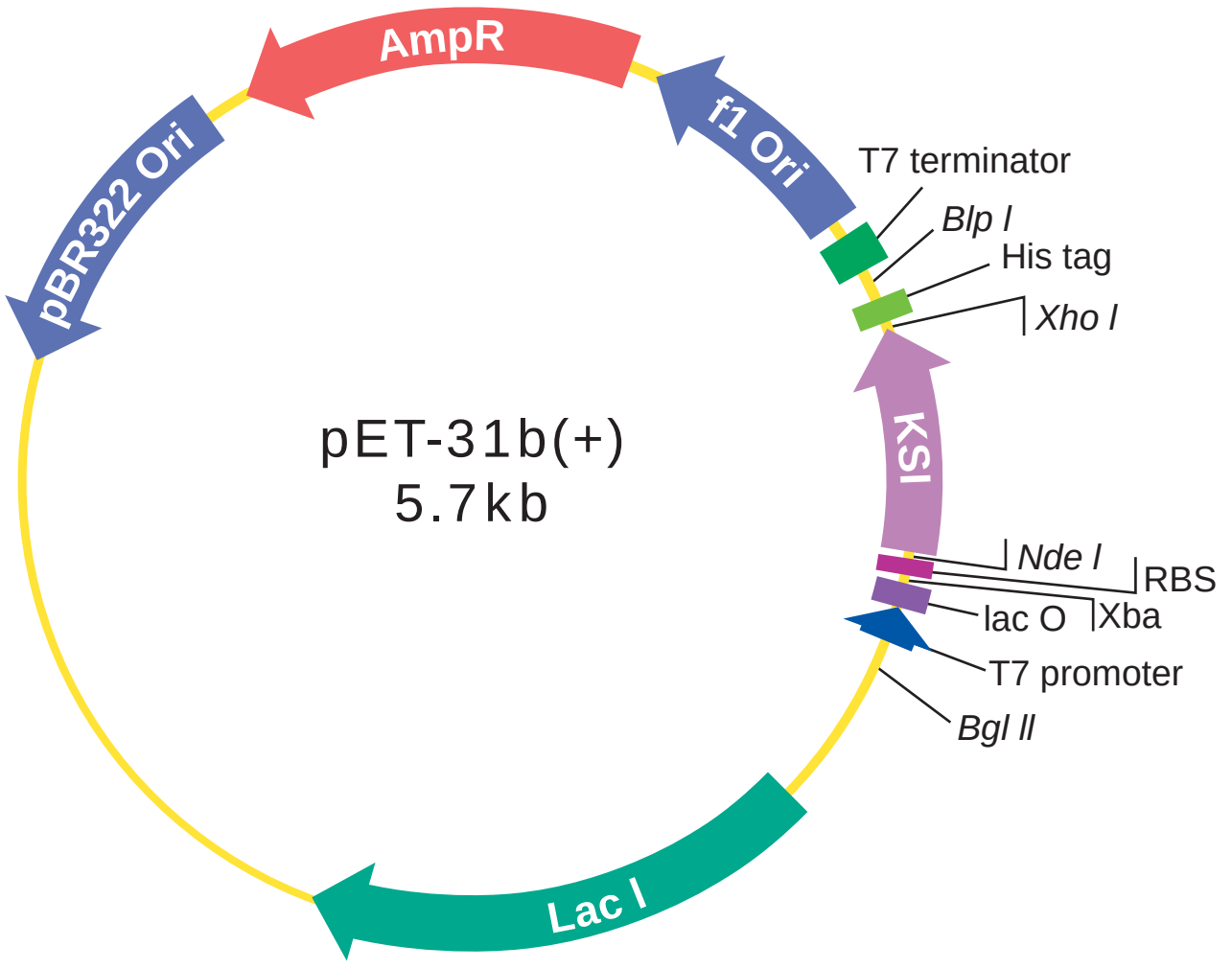

Bgl II — T7 promoter → — lac operator — *Xba* I — rbs

--- 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 — KSI — *Xho* I — His tag

ATA CAT ATG ... 315bp ... GGC AAG GTG GTG AGC ATC CGC GCC TTG TTT GGC GAG AAG AAT ATT CAC GCA TGC CAG ATG CTG CTC GAG CAC CAC CAC CAC CAC CAC TGA GAT

M ... 105aa ... G K V V S I R A L F G E K N I H A C Q M L L E H H H H H H Stop

Blp I — T7 terminator

CCG GCT GCT AAC AAA GCC CGA 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 ---