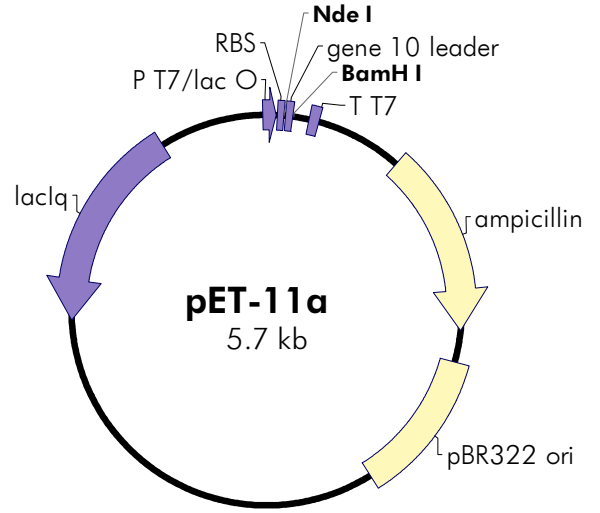


**T7 promoter with *lac* operator** 1–43  
**ribosome binding site** 74–80  
**Nde I cloning site** 86–91  
**T7 gene 10 leader** 89–121  
**BamH I cloning site** 125–130  
**T7 terminator** 199–245  
**ampicillin resistance (*bla*) ORF** 657–1514  
**pBR322 origin** 1665–2332  
***lacI<sup>q</sup>* repressor ORF** 4212–5168



**pET-11a Cloning Site Region**  
 sequence shown (74–130)

GAAGGAGATATACAT ATG GCT AGC ATG ACT GGT GGA CAG CAA ATG GGT CGC GGA TCC  
 Nde I Nhe I BamH I  
 M A S M T G G Q Q M G R G S  
 RBS START T7 gene 10 leader peptide