



**Comments for pET100/D/lacZ
8836 nucleotides**

- T7 promoter: bases 209-225
- T7 promoter priming site: bases 209-228
- lac operator (lacO): bases 228-252
- Ribosome binding site (RBS): bases 282-288
- Initiation ATG: bases 297-299
- Polyhistidine (6xHis) region: bases 309-326
- Xpress™ epitope: bases 366-389
- EK recognition site: bases 375-389
- lacZ ORF: bases 405-3476
- T7 reverse priming site: bases 3538-3557
- T7 transcription termination region: bases 3499-3627
- bla promoter: bases 3928-4026
- Ampicillin (bla) resistance gene: bases 4027-4887
- pBR322 origin: bases 5032-5705
- ROP ORF: bases 6073-6264 (complementary strand)
- lacI ORF: bases 7576-8667 (complementary strand)