



**Comments for pET102/D/lacZ
9384 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
- His-patch (HP) thioredoxin ORF: bases 298-627
- TrxFus forward priming site: bases 607-624
- EK recognition site: bases 643-657
- lacZ* ORF: bases 679-3732
- V5 epitope: bases 3769-3810
- Polyhistidine (6xHis) region: bases 3820-3837
- T7 reverse priming site: bases 3891-3910
- T7 transcription termination region: bases 3852-3980
- bla* promoter: bases 4476-4574
- Ampicillin (*bla*) resistance gene (ORF): bases 4575-5435
- pBR322 origin: bases 5580-6253
- ROP* ORF: bases 6621-6812 (complementary strand)
- lacI* ORF: bases 8124-9215 (complementary strand)