



**Comments for pcDNA™ 4/TO/*lacZ*  
8224 nucleotides**

- CMV promoter: bases 232-958
- TATA box: bases 804-810
- Tetracycline operator (2X TetO<sub>2</sub>) sequences: bases 820-859
- CMV forward priming site: bases 769-789
- LacZ* fusion protein: bases 987-4157
- 6xHis tag: bases 999-1016
- Xpress™ epitope: bases 1056-1079
- LacZ* ORF: bases 1104-4154
- BGH reverse priming site: bases 4235-4252
- BGH polyadenylation sequence: bases 4241-4465
- f1 origin: bases 4511-4939
- SV40 promoter and origin: bases 4949-5289
- EM-7 promoter: bases 5329-5395
- Zeocin™ resistance gene: bases 5396-5770
- SV40 early polyadenylation sequence: bases 5900-6030
- pUC origin: bases 6413-7083
- bla* promoter: bases 8083-8187 (complementary strand)
- Ampicillin (*bla*) resistance gene: bases 7228-8088 (complementary strand)