



**Comments for pTrcHis2-TOPO[®]//lacZ
7450 nucleotides**

trc promoter and 5' UTR: bases 190-382
 -35 region: bases 193-198
 -10 region: bases 216-221
lac operator (*lacO*): bases 228-248
rrnB antitermination signal: bases 264-333
 gene 10 region: bases 346-354
 Ribosome binding site: bases 369-373
 pTrcHis Forward priming site: bases 370-390
 Minicistron ORF: bases 383-409
 Reinitiation RBS: bases 398-403
 Initiation ATG: bases 413-415
 LacZ fusion protein: bases 413-3580
 LacZ portion of fusion: bases 413-3487
myc epitope: bases 3515-3544
 Polyhistidine region: bases 3560-3577
 pTrcHis2 Reverse priming site: bases 3633-3650
rrnB T1 and T2 transcriptional terminators: bases 3683-3840
 Ampicillin resistance gene (*bla*): bases 4120-4980
 pBR322-derived origin: bases 5125-5798
 Lac Repressor (*lacI^q*) ORF: bases 6327-7411