



**Comments for pEF6/V5-His-TOPO[®]/lacZ
9044 nucleotides**

- EF-1 α promoter: bases 470-1653
- T7 promoter/priming site: bases 1670-1689
- lacZ ORF: bases 1769-4964
- V5 epitope: bases: 5030-5071
- Polyhistidine (6xHis) tag: bases 5081-5098
- BGH reverse priming site: bases 5121-5138
- BGH polyadenylation signal: bases 5127-5351
- f1 origin of replication: bases 5397-5825
- SV40 promoter and origin: bases 5835-6179
- EM-7 promoter: bases 6216-6282
- Blasticidin resistance gene: bases 6283-6681
- SV40 early polyadenylation signal: bases 6839-6969
- pUC origin: bases 7352-8025 (complementary strand)
- bla promoter: bases 21-105 (complementary strand)
- Ampicillin (bla) resistance gene: bases 8170-9030 (complementary strand)