



**Comments for pEF5/FRT/V5-DEST  
7528 nucleotides**

EF-1 $\alpha$  promoter: bases 348-1531  
 T7 promoter/priming site: bases 1548-1567  
 attR1 recombination site: bases 1645-1769  
 Chloramphenicol resistance gene: bases 1878-2537  
 ccdB gene: bases 2879-3184  
 attR2 recombination site: bases 3225-3349  
 V5 epitope: bases 3402-3443  
 BGH reverse priming site: bases 3481-3498  
 BGH polyadenylation signal: bases 3487-3711  
 FRT site: bases 3994-4041  
 Hygromycin resistance gene (no ATG): bases 4049-5069  
 SV40 early polyadenylation signal: bases 5201-5331  
 pUC origin: bases 5714-6387  
 bla promoter: bases 7393-7491 (complementary strand)  
 Ampicillin (bla) resistance gene: bases 6532-7392 (complementary strand)