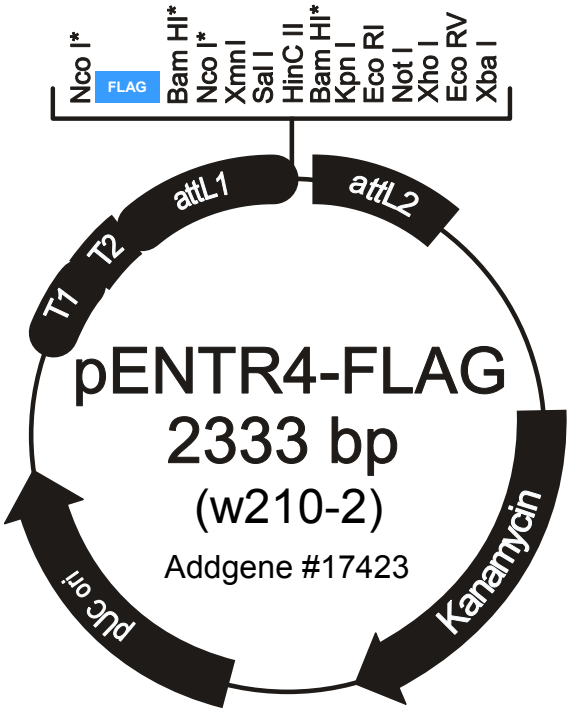


Comment s for pENTR 4-FLAG
2333 nucleotides

rrnB T1 transcription termination sequence: bases 106-149
rrnB T2 transcription termination sequence: bases 281-308
att L1: bases 358-457 (complementary strand)
FLAG epitope: bases 463-489
Multiple Cloning Site: bases 493-561
att L2: bases 562-662
Kanamycin resistance gene: bases 784-1593
pUC origin: bases 1701-2330

FLAG epitope

*Nco I** *Bam HI** *Nco I**

```
ACC ATG GAT TAC AAG GAC GAT GAC GAC AAA CTC GGA TCC ATG
    Met Asp Tyr Lys Asp Asp Asp Asp Lys Leu Gly Ser Met
```

Xmn I *Sal I* *HinC II* *Bam HI** *Kpn I* *EcoR I* *Not I*

```
GGA ACC AAT TCA GTC GAC TGG ATC CGG TAC CGA ATT CGC GGC
Gly Thr Asn Ser Val Asp Trp Ile Arg Tyr Arg Ile Arg Gly
```

Xho I *Eco RV* *Xba I*

```
CGC ACT CGA GAT ATC TAG ACCAGCTTT
Arg Thr Arg Asp Ile  *
```

Recommended *E.coli* strain for propagation: TOP10F'

* Sites are not unique

Eric Campeau February 2005