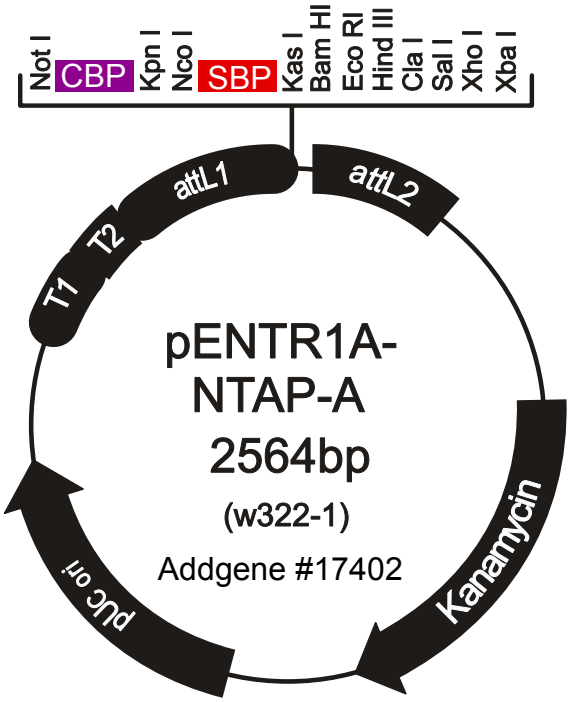


Comments on pENTR1A-NTAP-A, 2564 nucleotides:

rrnB T1 transcription termination sequence: bases 106-149
rrnB T2 transcription termination sequence: bases 281-308
attL1:bases 358-457 (complementary strand)
CBP tag: 489-566
SBP tag: 585-719
Multiple cloning site (MCS): bases 720-793
attL2: bases 793-893
Kanamycin resistance gene: bases 1015-1824
pUC origin: bases 1888-2561

SBP tag (3´ end)

```
                                                  Kas I #  Srf I        BamHI                    PstI*        EcoR I
P  S  G  G  C  K  L  G
CCC TCC GGC GGC TGC AAG CTG GGC GCC CGG GCG GAT CCC CCG GGC TGC AGG AAT TC...

   EcoR V*  Hind III      Cla I      Acc I/Sal I  Xho I     EcoR V* Xba I
..  .G  ATA  TCA AGC TTA  TCG ATA  CCG TCG  ACC  TCG  AGA TAT CTA GA ...
```

* Sites are not unique

Recommended *E.coli* strain for propagation: TOP10F' under kanamycin selection.

NOTE: The position of the genetic elements is approximative.

Site present only in pENTR1A-NTAP A

Eric Campeau April 2007