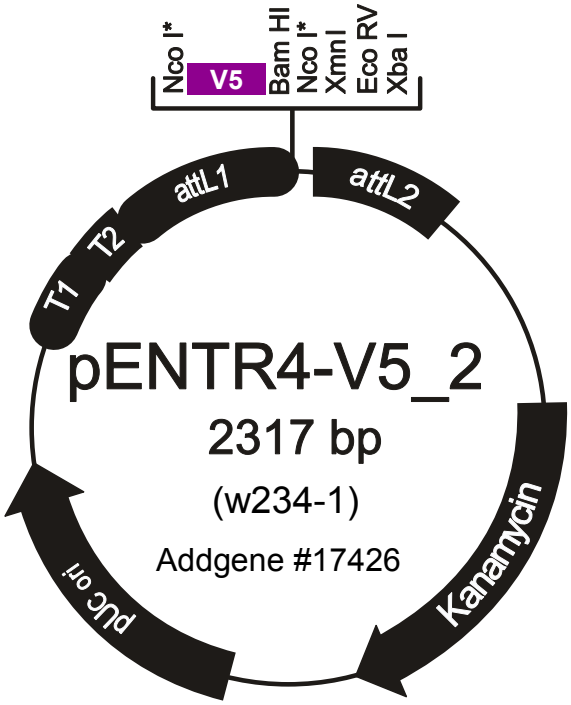


rrnB T1 transcription termination sequence: bases 106-149
rrnB T2 transcription termination sequence: bases 281-308
att L1: bases 358-457 (complementary strand)
V5 epitope: bases 469-510
Multiple cloning site (MCS): bases 511-545
att L2: bases 546-646
Kanamycin resistance gene: bases 768-1577
pUC origin: bases 1642-2314

V5 epitope

*Nco I**

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ACC ATG GAA GGT AAG CCT ATC CCT AAC CCT CTC CTC GGT CTC GAT TCT ACG
    Met Glu Gly Lys Pro Ile Pro Asn Pro Leu Leu Gly Leu Asp Ser Thr

Bam HI  Nco I*          Xmn I                  Eco RV  Xba I
GGA TCC ATG GGA ACC AAT TCA GTC GAG ATA TCT AGA CCAGCTTTC
Gly Ser Met Gly Thr Asn Ser Val Glu Ile Ser Arg
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* Site is not unique

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

NOTE: The position of the genetic elements is approximative.

Eric Campeau September 2006