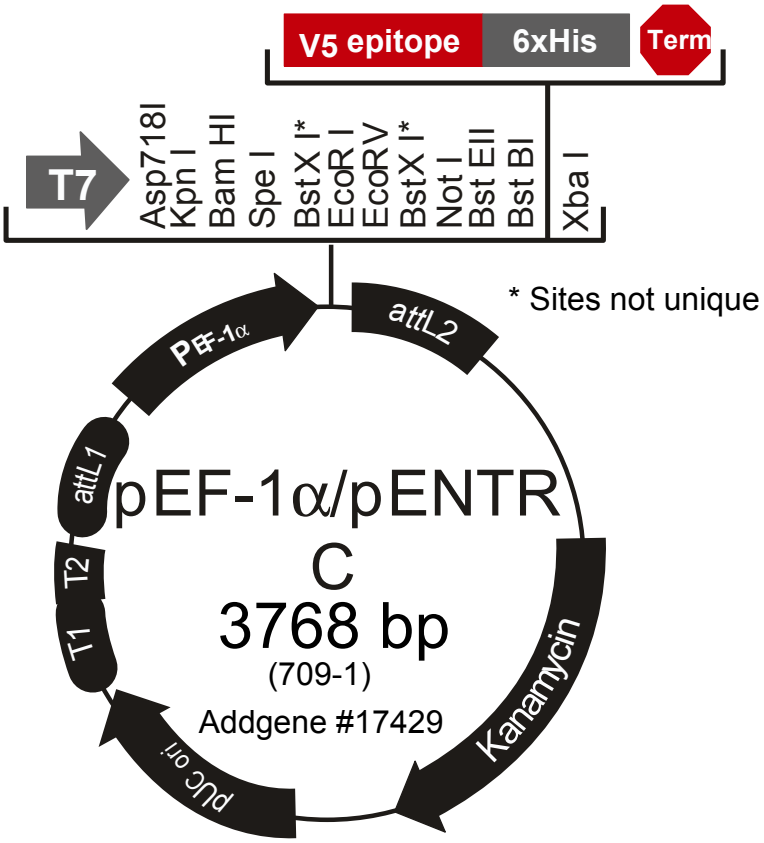


rrnB T1 transcription termination sequence: bases 106-149
rrnB T2 transcription termination sequence: bases 281-308
attL1: bases 358-457 (complementary strand)
Elongation Factor 1 alpha (EF-1a) promoter: bases 614-1766
Multiple Cloning Site (MCS): bases 1828-1915
V5 tag: bases 1916-1957
Poly-His: bases 1967-1984
Translation stop codon: bases 1985-1987
attL2: bases 1998-2098
Kanamycin resistance gene: bases 2220-3029
pUC origin: bases 3137-3765

EF-1α forward priming site
3´end of hEF-1α Intron 1

GTTTGGATCT TGGTTCATTC TCAAGCCTCA GACAGTGGTT CAAAGTTTTT TTCTTCCATT TCAGGTGTCG TGAGGAATTA

5´ end of hEF-1α Exon 2

T7 promoter/priming site
Asp718 I Kpn I Bam HI Spe I

GCTTGGTACT AATACGACTC ACTATAGGGA GACCCAAGCT GGCTAGTTAA GC TTG GTA CCG AGC TCG GAT CCA CTA
Leu Val Pro Ser Ser Asp Pro Leu

Bst XI* EcoR I EcoR V BstX I* Not I Bst EII Bst BI

GTC CAG TGT GGT GGA ATT CTG CAG ATA TCC AGC ACA GTG GCG GCC GCT CGA GGT CAC CCA TTC GAA
Val Gln Cys Gly Gly Ile Leu Gln Ile Ser Ser Thr Val Ala Ala Ala Arg Gly His Pro Phe Glu

V5 epitope
Polyhistidine region

GGT AAG CCT ATC CCT AAC CCT CTC CTC GGT CTC GAT TCT ACG CGT ACC GGT CAT CAT CAC CAT CAC CAT TGA
Gly Lys Pro Ile Pro Asn Pro Leu Leu Gly Leu Asp Ser Thr Arg Thr Gly His His His His His His ***

Xba I* att L2

GTTT ATCTAG ACCCAGC

Eric Campeau February 2005