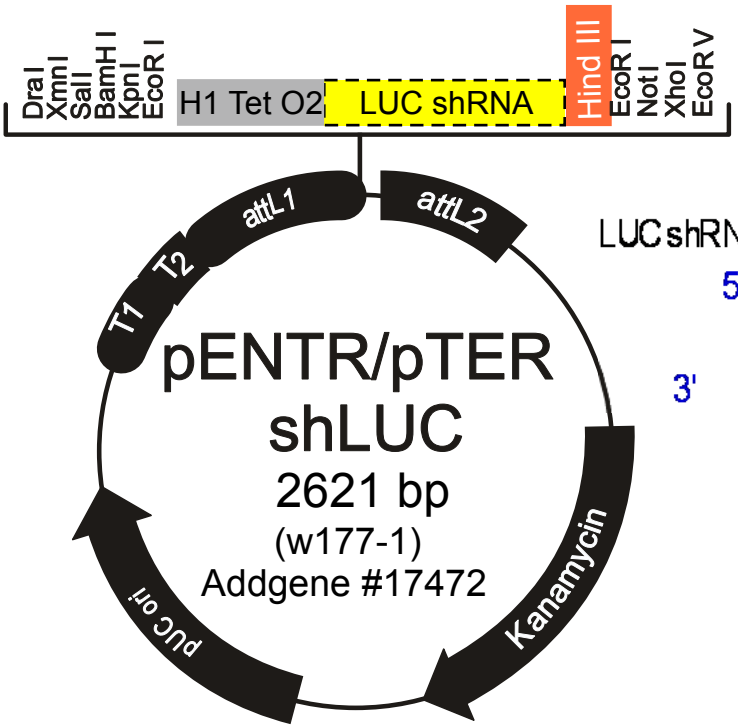


LUC shRNA#1 , 20 bp (Loop=9), dG = -30.7 kc/m (bad!)

5' CCTTACGCTGAGTACTTCGAGTGTG

3' TTTGAATGCGACTCATGAAGCTCCTGT

Comment s for pENTR/pTER shLUC
2621 nucleotides

rrnB T1 transcription termination sequence: bases 106-149
rrnB T2 transcription termination sequence: bases 281-308
attL1: bases 358-457 (complementary strand)
H1 RNA promoter: bases 494-715
Firefly luciferase shRNA: bases 722-778
attL2: bases 850-950
Kanamycin resistance gene: bases 1072-1881
pUC origin: bases 1991-2619

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

NOTE: The position of the genetic elements is approximative.

Eric Campeau March 2006