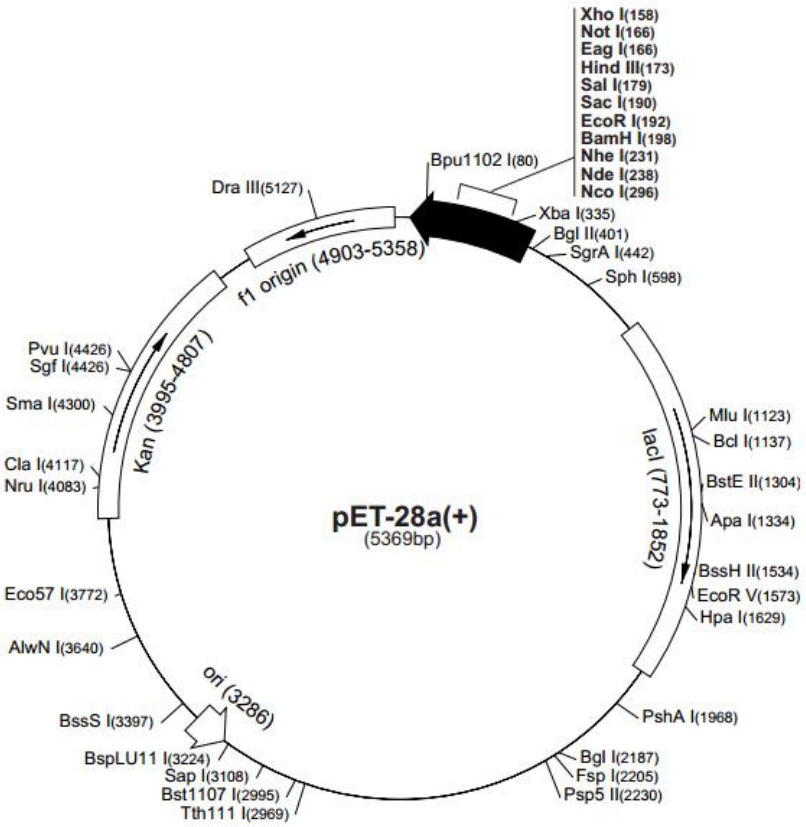
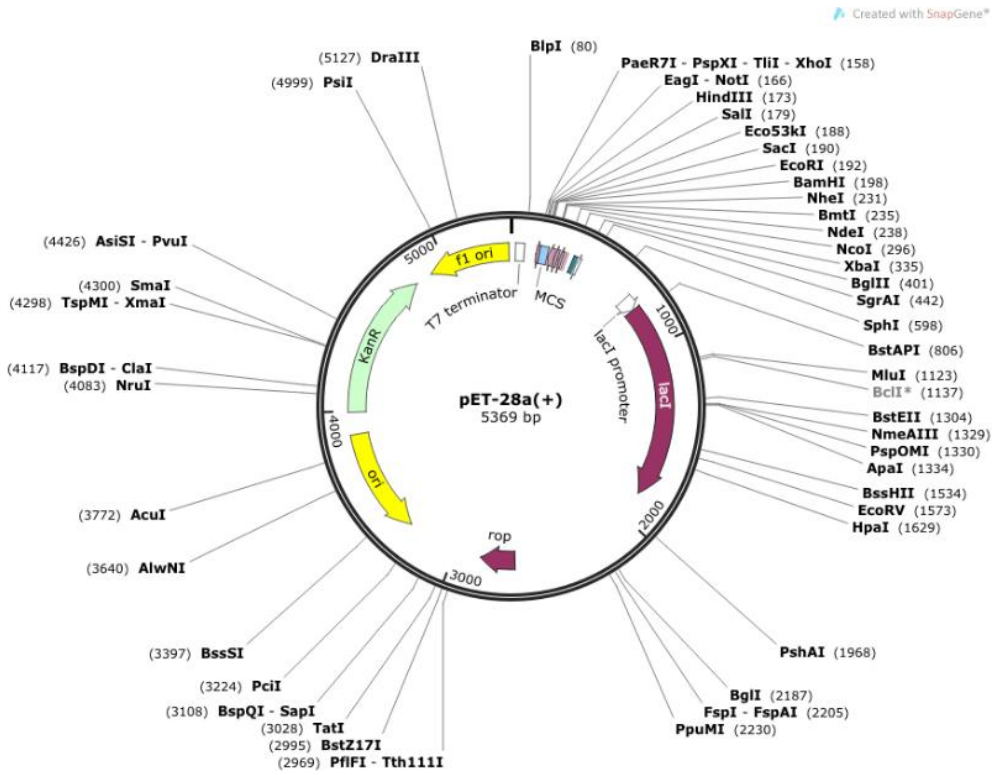
pet28a

基本信息

质粒类型:	大肠杆菌表达载体
表达水平:	高
克隆方法:	多克隆位点，限制性内切酶
载体大小:	5369 bp
5' 测序引物及序列:	T7: 5'-TAATACGACTCACTATAGGG-3'
3' 测序引物及序列:	T7t: 5'-GCTAGTTATTGCTCAGCGG-3'
载体标签:	N-His, N-Thrombin, N-T7, C-His
载体抗性:	Kanamycin (卡那霉素)
备注:	N 端含有 Thrombin 蛋白酶切位点; pET28a, b, c 的差异仅仅存在于多克隆位点处。

质粒图谱





质粒简介

The pET-28a-c(+) vectors carry an N-terminal His•Tag®/ thrombin/ T7•Tag® configuration plus an optional C-terminal His•Tag sequence. Unique sites are shown on the circle map. Note that the sequence is numbered by the pBR322 convention, so the T7 expression region is reversed on the circular map. The cloning/expression region of the coding strand transcribed by T7 RNA polymeraseis shown below. The f1 origin is oriented so that infection with helper phage will produce virions containing single-stranded DNA that corresponds to the coding strand. Therefore, single stranded sequencing should be performed using the T7 terminator primer (Cat. No. 69337-3).

质粒序列

ATCCGGATATAGTTCCTCCTTTCAGCAAAAAACCCCTCAAGACCCGTTTAGAGGCCCCA
AGGGGTTATGCTAGTTATTGC
TCAGCGGTGGCAGCAGCCAACTCAGCTTCCTTTCGGGCTTTGTTAGCAGCCGGATCTC
AGTGGTGGTGGTGGTGGTGCTC
GAGTGCGGCCGCAAGCTTGTCGACGGAGCTCGAATTCGGATCCGCGACCCATTTGCTG
TCCACCAGTCATGCTAGCCATA
TGGCTGCCGCGCGGCACCAGGCCGCTGCTGTGATGATGATGATGATGGCTGCTGCCCA
TGGTATATCTCCTTCTTAAAGT
TAAACAAAATTATTTCTAGAGGGGAATTGTTATCCGCTCACAATTCCCCTATAGTGAGTC
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AGATCTCGATCCTCTACGCCGGACGCATCGTGGCCGGCATCACCGGCGCCACAGGTGC
GGTTGCTGGCGCCTATATCGCC

GACATCACCGATGGGGAAGATCGGGCTCGCCACTTCGGGCTCATGAGCGCTTGTTTCG
GCGTGGGTATGGTGGCAGGCCC
CGTGGCCGGGGGACTGTTGGGCGCCATCTCCTTGCATGCACCATTCCTTGCGGCGGCG
GTGCTCAACGGCCTCAACCTAC
TACTGGGCTGCTTCCTAATGCAGGAGTCGCATAAGGGAGAGCGTCGAGATCCCGGACA
CCATCGAATGGCGCAAAACCTT
TCGCGGTATGGCATGATAGCGCCCGGAAGAGAGTCAATTCAGGGTGGTGAATGTGAAA
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CAGAGTATGCCGGTGTCTCTTATCAGACCGTTTCCCGCGTGGTGAACCAGGCCAGCCA
CGTTTCTGCGAAAACGCGGGAA
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CAACGCGTCAGTGGGCTGATCATTAACTATCCGCTGGATGACCAGGATGCCATTGCTGT
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