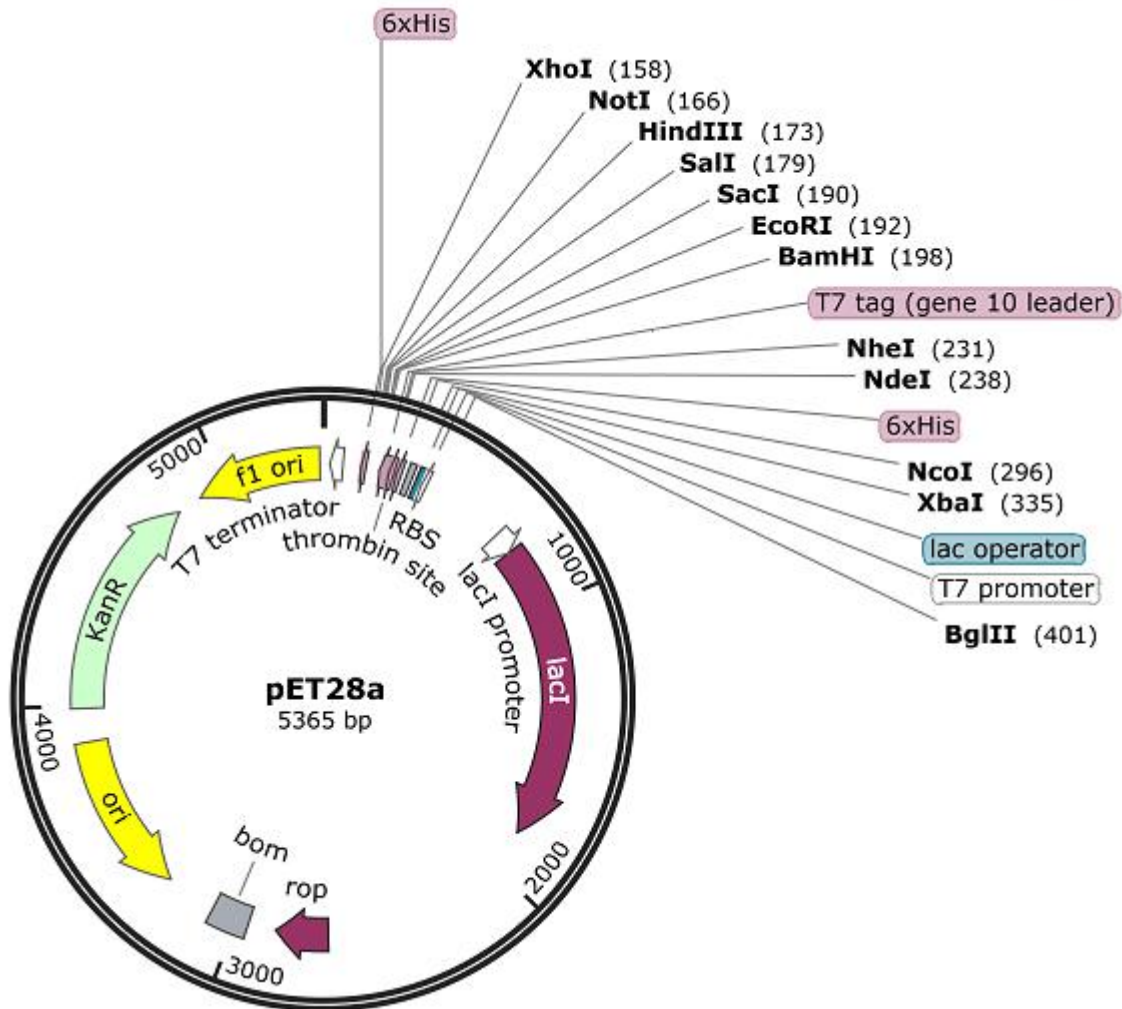


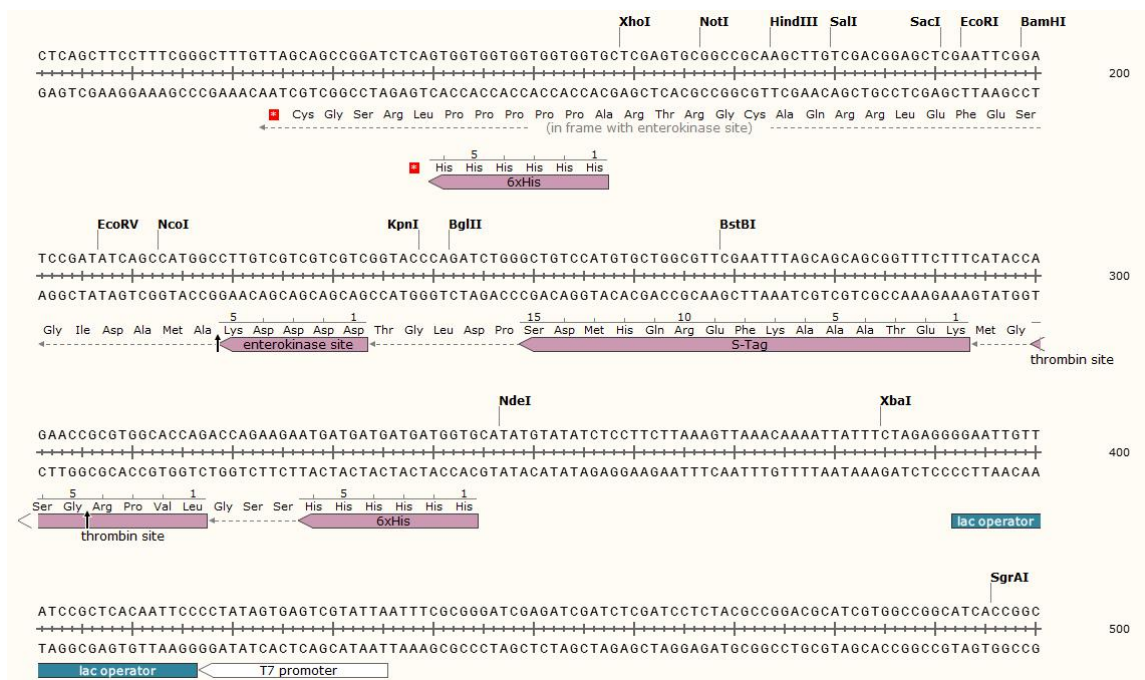
pET28a Vector Information



载体名称:	pET28a
质粒类型:	大肠杆菌蛋白表达载体, PET 系列表达质粒
表达水平:	低拷贝
启动子:	T7 promoter, lacI promoter
克隆方法:	多克隆位点, 限制性内切酶
克隆位点:	MCS
载体大小:	5369bp
5' 测序引物及序列:	T7: TAATACGACTCACTATAGGG
3' 测序引物及序列:	T7ter: TGCTAGTTATTGCTCAGCGG
载体标签:	6xHis, T7 tag
载体抗性:	Kan
筛选标记:	--

产品目录号:	
稳定性:	瞬时表达 Transient
组成型:	组成型 Constitutive
病毒/非病毒:	非病毒
克隆菌株:	DH5 α / Match-T1

MCS ☒:



LOCUS Exported 5369 bp ds-DNA circular SYN 07-AUG-2017
 DEFINITION synthetic circular DNA
 ACCESSION .
 VERSION .
 KEYWORDS pET28a
 SOURCE synthetic DNA construct
 ORGANISM synthetic DNA construct
 REFERENCE 1 (bases 1 to 5369)
 AUTHORS aaaaaa
 TITLE Direct Submission
 JOURNAL Exported Friday, May 24, 2019 from SnapGene 3.2.1
<http://www.snapgene.com>

FEATURES Location/Qualifiers
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 /mol_type="other DNA"
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 /note="T7 terminator"
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 /codon_start=1
 /product="6xHis affinity tag"
 /note="6xHis"
 /translation="HHHHHHH"

CDS complement (207..239)
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/note="T7 tag (gene 10 leader)"
/note="promotes efficient translation in E. coli"
/translation="MASMTGGQQMG"

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CDS complement (270..287)
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/note="lac operator"
/note="The lac repressor binds to the lac operator to inhibit transcription in E. coli. This inhibition can be relieved by adding lactose or isopropyl-beta-D-thiogalactopyranoside (IPTG)."

promoter complement (368..386)
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promoter 695..772
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CDS 773..1855
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/note="lacI"
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EDGTRLGVEHLVALGHQIALLAGPLSSVSARLRLAGWHKYLTRNQIQPIAEREGDWSA
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CDS 2664..2855
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241 TGGCTGCCGC GCGGCACCAG GCCGCTGCTG TGATGATGAT GATGATGGCT GCTGCCCATG
301 GTATATCTCC TTCTTAAAGT TAAACAAAAT TATTTCTAGA GGGGAATTGT TATCCGCTCA
361 CAATTCCCCT ATAGTGAGTC GTATTAATTT CGCGGGATCG AGATCTCGAT CCTCTACGCC
421 GGACGCATCG TGGCCGGCAT CACCGCGGCC ACAGGTGCGG TTGCTGGCGC CTATATCGCC
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901 GGAGCTGAAT TACATTCCA ACCGCGTGGC ACAACA ACTG GCGGGCAAAC AGTCGTTGCT

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 1981 TTATGACTGT CTTCTTTATC ATGCAACTCG TAGGACAGGT GCCGGCAGCG CTCTGGGTCA
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