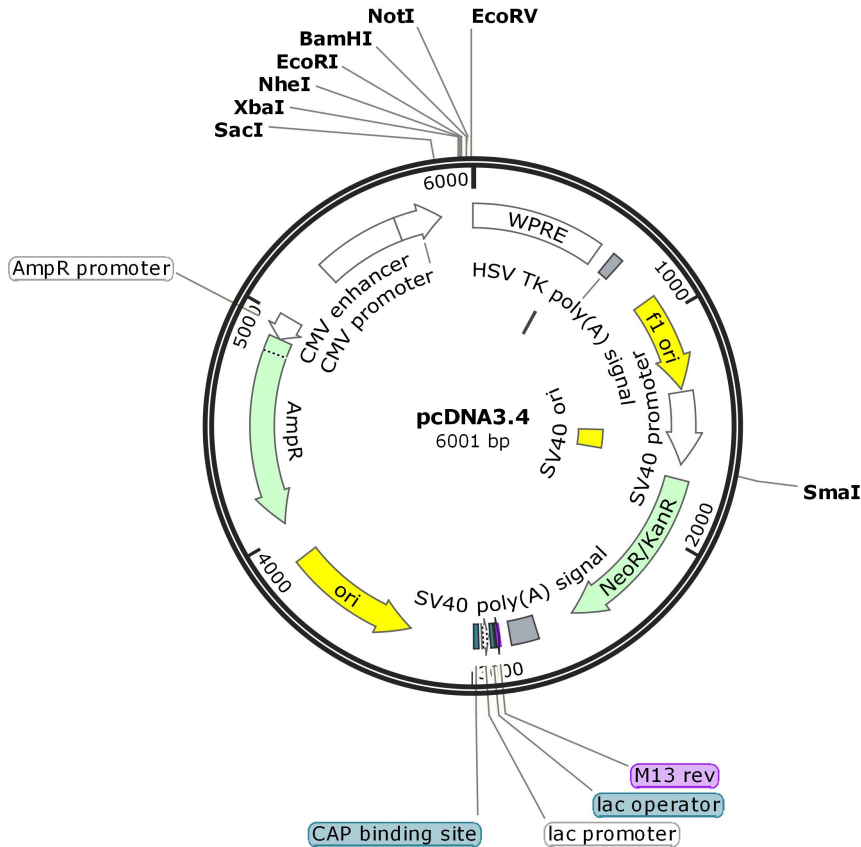


pcDNA3.4 Vector Information

Created with SnapGene®



载体名称:	pcDNA3.4
质粒类型:	哺乳动物细胞载体, 瞬时表达载体
表达水平:	高拷贝
启动子:	CMV 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:	6001bp
5' 测序引物及序列:	CMV-F: CGCAAATGGGCGGTAGGCGTG
3' 测序引物及序列:	WPRE-R: GGCATTAAAGCAGCGTATCC
载体标签:	--
载体抗性:	Amp
筛选标记:	Neo
产品目录号:	
稳定性:	瞬时表达
组成型/诱导型:	组成型
病毒/非病毒:	非病毒
克隆菌株:	DH5 α / Match-T1
备注:	用于蛋白的瞬转表达, 表达量较高!

MCS ☒:



LOCUS Exported 6001bp ds-DNA circular SYN 06-DEC-2019
 DEFINITION synthetic circular DNA
 ACCESSION .
 VERSION .
 KEYWORDS pcDNA3.4
 SOURCE synthetic DNA construct
 ORGANISM synthetic DNA construct
 REFERENCE 1 (bases 1 to 6001)
 AUTHORS .
 TITLE Direct Submission
 JOURNAL Exported Tuesday, January 7, 2020 from SnapGene 3.2.1
<http://www.snapgene.com>

FEATURES Location/Qualifiers

source 1..6001
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 /mol_type="other DNA"

misc_feature 1..589
 /note="WPRE"
 /note="woodchuck hepatitis virus posttranscriptional regulatory element"

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 /product="Factor Xa recognition and cleavage site"
 /note="Factor Xa site"
 /translation="IEGR"

polyA_signal 655..703
 /note="HSV TK poly(A) signal"
 /note="herpes simplex virus thymidine kinase polyadenylation signal (Cole and Stacy, 1985)"

rep_origin 905..1333
 /direction=RIGHT
 /note="f1 ori"
 /note="f1 bacteriophage origin of replication; arrow

indicates direction of (+) strand synthesis"
 promoter 1347..1676
 /note="SV40 promoter"
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 rep_origin 1527..1662
 /note="SV40 ori"
 /note="SV40 origin of replication"
 CDS 1743..2537
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 /note="confers resistance to neomycin, kanamycin, and G418 (Geneticin(R))"
 /translation="MIEQDGLHAGSPAAWVERLFGYDWAQQTIGCSDAAVFRLSAQGRP
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 /note="SV40 poly(A) signal"
 /note="SV40 polyadenylation signal"
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 /note="common sequencing primer, one of multiple similar variants"
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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(2931..2961)
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 /note="promoter for the E. coli lac operon"
 protein_bind 2976..2997
 /bound_moiety="E. coli catabolite activator protein"
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 /note="CAP binding activates transcription in the presence of cAMP."
 rep_origin complement(3285..3873)
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 /note="ori"

/note="high-copy-number ColE1/pMB1/pBR322/pUC origin of replication"
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ORIGIN

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6001 C

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