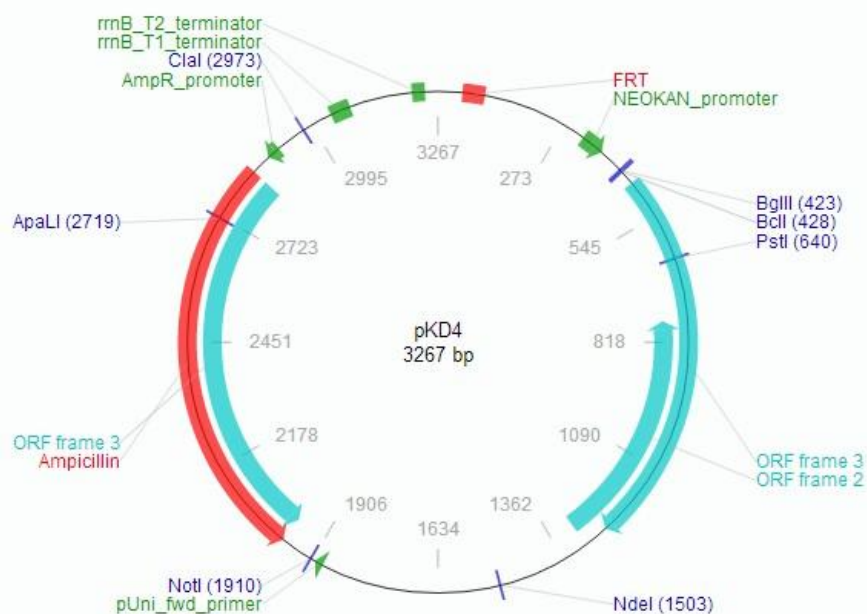


## 载体基本信息

平台编号:	bio-82375
载体名称:	pKD4
质粒类型:	细菌表达; 基因敲除系统
高拷贝/低拷贝:	--
启动子:	--
克隆方法:	多克隆位点, 限制性内切酶
载体大小:	3267 bp
5' 测序引物及序列:	Amp-R: ATAATACCGCGCCACATAGC
3' 测序引物及序列:	--
载体标签:	--
载体抗性:	氨苄青霉素 (Ampicillin)
筛选标记:	Neomycin_1.html' target='_blank'>新霉素 (Neomycin)
备注:	--
产品目录号:	--
稳定性:	--
组成型:	--
病毒/非病毒:	--

## 载体质粒图谱和多克隆位点信息





## 载体简介

## 载体序列

```
LOCUS       pKD4 3267 bp DNA     SYN
DEFINITION  pKD4
ACCESSION
KEYWORDS
SOURCE
  ORGANISM  other sequences; artificial sequences; vectors.
FEATURES             Location/Qualifiers
     source          1..3267
                     /organism="pKD4"
                     /mol_type="other DNA"
     misc_feature    complement(51..98)
                     /label="FRT"
     promoter        321..370
                     /label="NEOKAN_promoter"
     CDS             459..1253
                     /label="ORF frame 3"
                     /translation="MIEQDGLHAGSPAAWVERLFGYDWAQQTIGCSDAAVFRLSAQGR
PVLFVKTDLSGALNELQDEAARLSWLATTGVPCA AVL DVVTEAGR DWLLLGEVPGQDL
LSSHLAPA EKVSIMADAMRRLHTLDPATCPFDHQAKHRIERARTRMEAGLVDQDDLDE
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     CDS             complement(768..1304)
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/label="ORF frame 2"

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misc_feature    1882..1900

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/translation="MAGWASLGRSFRTPECSRSEELVKKAIEGDALRIGSGDVKHEEA
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gene            complement (1979..2839)

/label="Ampicillin"

/gene="Ampicillin"

/translation="MAGWASLGRSFRTPECSRSEELVKKAIEGDALRIGSGDVKHEEA
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CDS            complement (1979..2839)

/label="ORF frame 3"

/translation="MSIQHFRVALIPFFAAFCPLPVFAHPETLVKVKDAEDQLGARVGY
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		LRNALPAGWFIADKSGAGERGSRGIIAALGPDGKPSRIVVIYTTGSQATMDERNRQIA
		EIGASLIKHW*"
promoter	complement (2881..2909)	
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		YSPVTEKHLTDGMTVRELCSAAITMSDNTAANLLLTIGGPKELTAFLNMGDHSVTRL
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terminator	3038..3081	
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terminator	3213..3240	
		/label="rrnB_T2_terminator"
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EIGASLIKHW\*"

## ORIGIN

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## 微生物菌种查询网

1261 tctgggggttc gaaatgaccg accaagcgac gcccaacctg ccatcacgag atttcgattc  
1321 caccgccgcc ttctatgaaa gggtgggctt cggaatcggt ttccgggacg cgggctggat  
1381 gatcctccag cgcggggatc tcatgctgga gttcttcgcc caccacagct tcaaaagcgc  
1441 tctgaagttc ctatactttc tagagaatag gaacttcgga ataggaacta aggaggatat  
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## 微生物菌种查询网

2701 gttcgatgta acccactcgt gcaccaact gatcttcagc atcttttact ttcaccagcg  
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中国微生物菌种