天净沙系列

CAT#:1-8496

常温运输及保存

pOSIP-KL (KanR, Lambda)质粒 DNA

pOSIP-KL (KanR, Lambda) Plasmid DNA

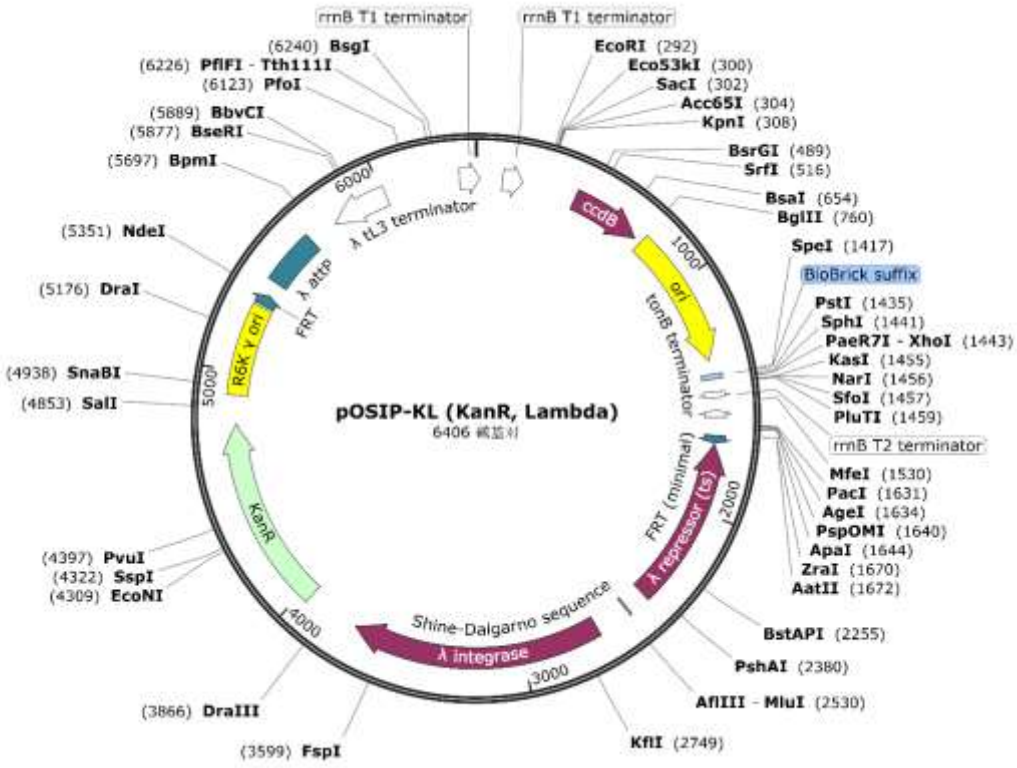
使用手册 V1.0

北京天净沙基因科技有限公司

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产品及特点

pOSIP-KL (KanR, Lambda)质粒 DNA 是一款全长 6406 bp 的λ噬菌体介导定点整合工程质粒，该质粒具有 R6K pir 依赖型复制子和 ori 复制子，携带 ccdB 致死基因和卡那霉素抗性基因。其图谱如下：



规格及成分

本产品使用 logo 热封袋包装

成分	编号	规格	包装
pOSIP-KL (KanR, Lambda) 质粒 DNA 干粉	1-8496	2 μg	0.5 mL 本色管
使用手册	sc1-8496	1 份	无

运输及保存

常温运输，溶解后需-20℃保存，有效期两年。

使用方法

使用前将本产品短暂离心后加入 100 μL 自备的超纯水或 TE 缓冲液溶解，可以得到 20 ng/μL 的质粒 DNA 溶液，该溶液可直接用于酶切克隆。也可以取少量，按常规方法进行细菌转化，制备更多的质粒 DNA 进行各种后续实验。

DNA 序列

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1      CTCCTGAGTA GGACAAATCC GCCGGGAGCG GATTTGAACG TTGCGAAGCA ACGGCCCGGA
61     GGGTGGCGGG CAGGACGCCC GCCATAAACT GCCAGGAATT AATTCCCCAG GCATCAAATA
121    AAACGAAAGG CTCAGTCGAA AGACTGGGCC TTTCGTTTTA TCTGTTGTTT GTCGGTGAAC
181    GCTCTCCTGA GTAGGACAAA TCCGCCGGGA GCGGATTTGA ACGTTGCGAA GCAACGGCCC
241    GGAGGGTGGC GGGCAGGACG CCCGCCATAA ACTGCCAGGA ATTGGGGATC GGAATTCGAG
301    CTCGGTACCC GGGGATCCTC TAGAGGGCTT ACTAAAAGCC AGATAACAGT ATGCGTATTT
361    GCGCGCTGAT TTTTGCGGTA TAAGAATATA TACTGATATG TATACCCGAA GTATGTCAAA
421    AAGAGGTATG CTATGCAGTT TAAGGTTTAC ACCTATAAAA GAGAGAGCCG TTATCGTCTG
481    TTTGTGGATG TACAGAGTGA TATTATTGAC ACGCCCGGGC GACGGATGGT GATCCCCCTG
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541	GCCAGTGCAC	GTCTGCTGTC	AGATAAAGTC	TCCCGTGAAC	TTTACCCGGT	GGTGCATATC
601	GGGGATGAAA	GCTGGCGCAT	GATGACCACC	GATATGGCCA	GTGTGCCGGT	CTCCGTTATC
661	GGGGAAGAAG	TGGCTGATCT	CAGCCACCGC	GAAAATGACA	TCAAAAACGC	CATTAACCTG
721	ATGTTCTGGG	GAATATAATA	ACCCGTAGAA	AAGATCAAAA	GATCTTCTTG	AGATCCTTTT
781	TTTCTGCGCG	TAATCTGCTA	CTTGCAAACA	AAAAAACCAC	CGCTACCAGC	GGTGGTTTGT
841	TTGCCGGATC	AAGAGCTACC	AACTCTTTTT	CCGAAGGTAA	CTGGCTTTAG	CAGAGCGCAG
901	ATACCAAATA	CTGTCCTTCT	AGTGTAGCCG	TAGTTAGGCC	ACCACTTCAA	GAACTCTGTA
961	GCACCGCCTA	CATACCTCGC	TCTGCTAATC	CTGTTACCAG	TGGCTGCTGC	CAGTGGCGAT
1021	AAGTCGTGTC	TTACCGGGTT	GGACTCAAGA	CGATAGTTAC	CGGATAAGGC	GCAGCGGTCG
1081	GGCTGAACGG	GGGGTTCGTG	CACACAGCCC	AGCTTGGAGC	GAACGACCTA	CACCGAACTG
1141	AGATACCTAC	AGCGTGAGCT	ATGAGAAAGC	GCCACGCTTC	CCGAAGGGAG	AAAGGCGGAC
1201	AGGTATCCGG	TAAGCGGCAG	GGTCGGAACA	GGAGAGCGCA	CGAGGGAGCT	TCCAGGGGGA
1261	AACGCCTGGT	ATCTTTATAG	TCCTGTCGGG	TTTCGCCACC	TCTGACTTGA	GCGTCGATTT
1321	TTGTGATGCT	CGTCAGGGGG	GCGGAGCCTA	TGGAAAAACG	CCAGCAACGC	GGCCTTTTTA
1381	CGGTTCCTGG	CCTTTTGCTG	GCCTTTTGCT	CACATTACTA	GTAGCGGCCG	CTGCAGGCAT
1441	GCCTCGAGAT	GCATGGCGCC	TAACCTAAAC	TGACAGGCAT	CAAATTAAGC	AGAAGGCCAT
1501	CCTGACGGAT	GGCCTTTTTG	CGTTTCGAAC	AATTGAAAAA	ACCTCGCGCC	TTACCTGTTG
1561	AGTAATAGTC	AAAAGCCTCC	GGTCGGAGGC	TTTTGACTTT	CTGCTTACTG	AATTTCGGTG
1621	GTGCCGTTAA	TTAACCGGTG	GGCCCTCATG	ATAATAATGG	TTTCTTAGAC	GTCCGAAGTT
1681	CCTATTCTCT	AGAAAGTATA	GGAACTTCCC	TAGTCAGCCA	AACGTCTCTT	CAGGCCACTG
1741	ACTAGCGATA	ACTTTCCCCA	CAACGGAACA	ACTCTCATTG	CATGGGATCA	TTGGGTACTG
1801	TGGGTTTAGT	GGTTGTAAAA	ACACCTGACC	GCTATCCCTG	ATCAGTTTCT	TGAAGGTAAA
1861	CTCATCACCC	CCAAGTCTGG	CTATGCAGAA	ATCACCTGGC	TCAACAGCCT	GCTCAGGGTC
1921	AACGAGAATT	AACATTCCGT	CAGGAAAGCT	TGGCTTGGAG	CCTGTTGGTG	CGGTCATGGA
1981	ATTACCTTCA	ACCTCAAGCC	AGAATGCAGA	ATCACTGGCT	TTTTTGGTTG	TGCTTACCCA
2041	TCTCTCCGCA	TCACCTTTGG	TAAAGGTTCT	AAGCTTAGGT	GAGAACATCC	CTGCCTGAAC
2101	ATGAGAAAAA	ACAGGGTACT	CATACTCACT	TCTAAGTGAC	GGCTGCATAC	TAACCGCTTC
2161	ATACATCTCG	TAGATTTCTC	TGGCGATTGA	AGGGCTAAAT	TCTTCAACGC	TAACTTTGAG
2221	AATTTTTGTA	AGCAATGCGG	CGTTATAAGC	ATTTAATGCA	TTGATGCCAT	TAAATAAAGC
2281	ACCAACGCCT	GACTGCCCCA	TCCCCATCTT	GTCTGCGACA	GATTCCTGGG	ATAAGCCAAG
2341	TTCATTTTTC	TTTTTTTCAT	AAATTGCTTT	AAGGCGACGT	GCGTCCTCAA	GCTGCTCTTG
2401	TGTTAATGGT	TTCTTTTTTG	TGCTCATACG	TTAAATCTAT	CACCGCAAGG	GATAAATATC
2461	TAACACCGTG	CGTGTTGACT	ATTTTACCTC	TGGCGGTGAT	AATGGTTGCA	TGTACTAAGG
2521	AGGTTGTATA	CGCGTCGTCG	ATGGGTTCGG	GAATGCAGGA	TATTCCCACC	TCCGGTTAAG
2581	GATGGAAGAG	AGTATCTGTT	CCACGAATCA	GCGGTAAAGG	TTGACTTAAA	TCGACCAGTA
2641	ACAGGTGGCC	TTTTGAAGAG	GATCAGAAAT	GGGAAGAAGG	CGAAGTCATG	AGCGCCGGGA
2701	TTTACCCCCT	AACCTTTATA	TAAGAAACAA	TGGATATTAC	TGCTACAGGG	ACCCAAGGAC
2761	GGGTAAAGAG	TTTGGATTAG	GCAGAGACAG	GCGAATCGCA	ATCACTGAAG	CTATACAGGC
2821	CAACATTGAG	TTATTTTCAG	GACACAAACA	CAAGCCTCTG	ACAGCGAGAA	TCAACAGTGA
2881	TAATTCCGTT	ACGTTACATT	CATGGCTTGA	TCGCTACGAA	AAAATCCTGG	CCAGCAGAGG
2941	AATCAAGCAG	AAGACACTCA	TAAATTACAT	GAGCAAAATT	AAAGCAATAA	GGAGGGGTCT
3001	GCCTGATGCT	CCACTTGAAG	ACATCACCAC	AAAAGAAATT	GCGGCAATGC	TCAATGGATA
3061	CATAGACGAG	GGCAAGGCGG	CGTCAGCCAA	GTTAATCAGA	TCAACACTGA	GCGATGCATT
3121	CCGAGAGGCA	ATAGCTGAAG	GCCATATAAC	AACAAACCAT	GTCGCTGCCA	CTCGCGCAGC
3181	AAAATCAGAG	GTAAGGAGAT	CAAGACTTAC	GGCTGACGAA	TACCTGAAAA	TTTATCAAGC
3241	AGCAGAATCA	TCACCATGTT	GGCTCAGACT	TGCAATGGAA	CTGGCTGTTG	TTACCGGGCA
3301	ACGAGTTGGT	GATTTATGCG	AAATGAAGTG	GTCTGATATC	GTAGATGGAT	ATCTTTATGT

	3361	CGAGCAAAGC	AAAACAGGCG	TAAAAATTGC	CATCCCAACA	GCATTGCATA	TTGATGCTCT
	3421	CGGAATATCA	ATGAAGGAAA	CACTTGATAA	ATGCAAAGAG	ATTCTTGGCG	GAGAAACCAT
	3481	AATTGCATCT	ACTCGTCGCG	AACCGCTTTC	ATCCGGCACA	GTATCAAGGT	ATTTTATGCG
	3541	CGCACGAAAA	GCATCAGGTC	TTTCCTTCGA	AGGGGATCCG	CCTACCTTTC	ACGAGTTGCG
	3601	CAGTTTGTCT	GCAAGACTCT	ATGAGAAGCA	GATAAGCGAT	AAGTTTGCTC	AACATCTTCT
	3661	CGGGCATAAG	TCGGACACCA	TGGCATCACA	GTATCGTGAT	GACAGAGGCA	GGGAGTGGGA
	3721	CAAAATTGAA	ATCAAATAAT	GATTTTATTT	TGACTGATAG	TGACCTGTTC	GTTGCAACAA
	3781	ATTGATAAGC	AATGCCAAGC	TTGGCACTGG	CTGATCAGCT	AGCCCATGGG	TATGGACAGT
	3841	TTTCCCTTTG	ATATGTAACG	CACGTTGTGT	CTCAAAATCT	CTGATGTTAC	ATTGCACAAG
	3901	ATAAAAATAT	ATCATCATGA	ACAATAAAAC	TGTCTGCTTA	CATAAACAGT	AATACAAGGG
	3961	GTGTTATGAG	CCATATTCAA	CGGGAAACGT	CTTGCTCCCG	TCCGCGCTTA	AACTCCAACA
	4021	TGGACGCTGA	TTTATATGGG	TATAAATGGG	CTCGCGATAA	TGTCGGGCAA	TCAGGTGCGA
	4081	CAATCTATCG	CTTGTATGGG	AAGCCCGATG	CGCCAGAGTT	GTTTCTGAAA	CATGGCAAAG
	4141	GTAGCGTTGC	CAATGATGTT	ACAGATGAGA	TGGTCCGTCT	CAACTGGCTG	ACGGAGTTTA
	4201	TGCCTCTCCC	GACCATCAAG	CATTTTATCC	GTACTCCTGA	TGATGCGTGG	TTACTCACCA
	4261	CCGCGATTCC	TGGGAAAACA	GCCTTCCAGG	TATTAGAAGA	ATATCCTGAT	TCAGGTGAAA
	4321	ATATTGTTGA	TGCGCTGGCC	GTGTTCCTGC	GCCGGTTACA	TTCGATTCCT	GTTTGTAATT
	4381	GTCCTTTTAA	CAGCGATCGT	GTATTTCGTC	TTGCTCAGGC	GCAATCACGC	ATGAATAACG
	4441	GTTTGGTTGA	TGCGAGTGAT	TTTGATGACG	AGCGTAATGG	CTGGCCTGTT	GAACAAGTCT
	4501	GGAAAGAAAT	GCACAAGCTC	TTGCCATTCT	CACCGGATTC	AGTCGTCACT	CATGGTGATT
	4561	TCTCACTTGA	TAACCTTATT	TTTGACGAGG	GGAAATTAAT	AGGTTGTATT	GATGTTGGAC
	4621	GGGTCGGAAT	CGCAGACCGT	TACCAGGACC	TTGCCATTCT	TTGGAACTGC	CTCGGTGAGT
	4681	TTTCTCCTTC	ATTACAGAAA	CGGCTTTTTC	AAAAATATGG	TATTGATAAT	CCTGATATGA
	4741	ATAAATTGCA	GTTTCATTTG	ATGCTCGATG	AGTTTTTCTA	ATAATACTAG	CAGAAATCAT
	4801	CCTTAGCGAA	AGCTAAGGAT	TTTTTTTATC	TGATTACCGC	CTTTGAGTGA	GCGTCGACCT
	4861	AGTGCGGCCG	CAAGATCCGG	CCACGATGCG	TCCGGCGTAG	AGGATCTGAA	GATCAGCAGT
	4921	TCAACCTGTT	GATAGTACGT	ACTAAGCTCT	CATGTTTCAC	GTACTAAGCT	CTCATGTTTA
	4981	ACGTACTAAG	CTCTCATGTT	TAACGAACTA	AACCCTCATG	GCTAACGTAC	TAAGCTCTCA
	5041	TGGCTAACGT	ACTAAGCTCT	CATGTTTCAC	GTACTAAGCT	CTCATGTTTG	AACAATAAAA
	5101	TTAATATAAA	TCAGCAACTT	AAATAGCCTC	TAAGGTTTTA	AGTTTTATAA	GAAAAAAAAG
	5161	AATATATAAG	GCTTTTAAAG	CTTTTAAGGT	TTAACGGTTG	TGGACAACAA	GCCAGGGATG
	5221	TAACGCACTG	AGAAGCCCTT	AGAGCCTCTC	AAAGCAATTT	TGAGTGACAC	AGGAACACTT
	5281	AACGGCTGAC	ATGGGAATTA	GGAAGTTCCT	ATTCCGAAGT	TCCTATTCTC	TAGAAAGTAT
	5341	AGGAACTTCC	ATATGCCATG	GCATCACAGT	ATCGTGATGA	CAGAGGCAGG	GAGTGGGACA
	5401	AAATTGAAAT	CAAATAATGA	TTTTATTTTG	ACTGATAGTG	ACCTGTTCGT	TGCAACAAAT
	5461	TGATAAGCAA	TGCTTTTTTA	TAATGCCAAC	TTAGTATAAA	AAAGCTGAAC	GAGAAACGTA
	5521	AAATGATATA	AATATCAATA	TATTAAATTA	GATTTTGCAT	AAAAAACAGA	CTACATAATA
	5581	CTGTAAAACA	CAACATATAT	GCAGTCACTA	TGAATCAACT	ACTTAGATGG	TATTAGTGAC
	5641	CTGTAACAGA	GCATTAGCGC	AAGGTGATTT	TTGTCTTCTT	GCGCTAATTT	TTTGTCATCA
	5701	AACCTGTCGC	ACTCCAGAGA	AGCACAAAGC	CTCGCAATCC	AGTGCAAAGC	TAGCTTCTTC
	5761	GTCTGTTTCT	ACTGGTATTG	GCACAAACCT	GATTCCAATT	TGAGCAAGGC	TATGTGCCAT
	5821	CTCGATACTC	GTTCTTAACT	CAACAGAAGA	TGCTTTGTGC	ATACAGCCCC	TCGTTTATTA
	5881	TTTATCTCCT	CAGCCAGCCG	CTGTGCTTTC	AGTGGATTTC	GGATAACAGA	AAGGCCGGGA
	5941	AATACCCAGC	CTCGCTTTGT	AACGGAGTAG	AGACGAAAGT	GATTGCGCCT	ACCCGGATAT
	6001	TATCGTGAGG	ATGCGTCATC	GCCATTAATT	CACTGATCAG	TGATAAGCTG	TCAAACATGA
	6061	GAATTGATCC	GGCTGCCTCG	CGCGTTTCGG	TGATGACGGT	GAAAACCTCT	GACACATGCA
	6121	GCTCCCGGAG	ACGGTCACAG	CTTGTCTGTA	AGCGGATGCC	GGGAGCAGAC	AAGCCCGTCA

	6181 GGGCGCGTCA GCGGGTGTTG GCGGGTGTCG GGGCGCAGCC ATGACCCAGT CACGTAGCGA 6241 TAGCGGAGTG TATGCTGCAC ATGACATTAA CCTATAAAAA TAGGCGTATC ACGAGGCCCT 6301 TTCGTCTTCA AGAATTAATT CCCAATTCCC CAGGCATCAA ATAAAACGAA AGGCTCAGTC 6361 GAAAGACTGG GCCTTTCGTT TTATCTGTTG TTTGTCGGTG AACGCT
测序结果	本批次(045066lyc)测序序列与上述序列完全一致。
关联产品	pMDIII 质粒 DNA

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