天净沙系列

CAT#:1-4812

常温运输及保存

天净沙

pLVX-EF1α-AcGFp1-N1 质粒 DNA

pLVX-EF1α-AcGFp1-N1 Plasmid DNA

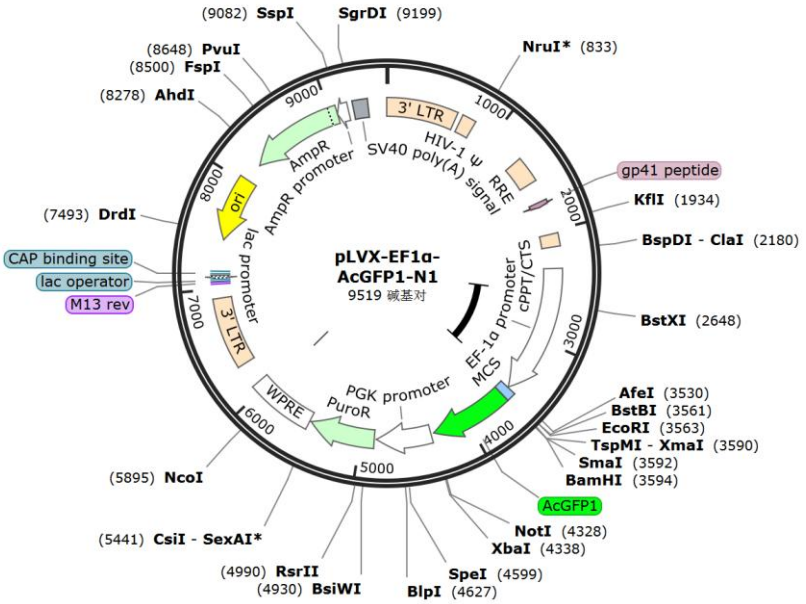
使用手册 V1.0

北京天净沙基因科技有限公司

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产品及特点

pLVX-EF1α-AcGFp1-N1 是一种基于 HIV-1 的慢病毒表达载体，大小为 9519 bp，属于高拷贝数质粒。该质粒具有 ori 复制子、EF-1α启动子，携氨苄青霉素抗性基因和嘌呤霉素抗性基因。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
pLVX-EF1α-AcGFP1-N1 质粒 DNA 干粉	1-4812	2 μg	0.5 mL 本色管
使用手册	sc1-4812	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     TGGAAGGGCT AATTCACTCC CAAAGAAGAC AAGATATCCT TGATCTGTGG ATCTACCACA
61    CACAAGGCTA CTTCCCTGAT TAGCAGAACT ACACACCAGG GCCAGGGGTC AGATATCCAC
121   TGACCTTTGG ATGGTGCTAC AAGCTAGTAC CAGTTGAGCC AGATAAGGTA GAAGAGGCCA
181   ATAAAGGAGA GAACACCAGC TTGTTACACC CTGTGAGCCT GCATGGGATG GATGACCCGG
241   AGAGAGAAGT GTTAGAGTGG AGGTTTGACA GCCGCCTAGC ATTTCATCAC GTGGCCCGAG
301   AGCTGCATCC GGAGTACTTC AAGAACTGCT GATATCGAGC TTGCTACAAG GGACTTTCCG
361   CTGGGGACTT TCCAGGGAGG CGTGGCCTGG GCGGGACTGG GGAGTGGCGA GCCCTCAGAT
421   CCTGCATATA AGCAGCTGCT TTTTGCCTGT ACTGGGTCTC TCTGGTTAGA CCAGATCTGA
481   GCCTGGGAGC TCTCTGGCTA ACTAGGGAAC CCACTGCTTA AGCCTCAATA AAGCTTGCCT
541   TGAGTGCTTC AAGTAGTGTG TGCCCGTCTG TTGTGTGACT CTGGTAACTA GAGATCCCTC
601   AGACCCTTTT AGTCAGTGTG GAAAATCTCT AGCAGTGGCG CCCGAACAGG GACTTGAAAG
661   CGAAAGGGAA ACCAGAGGAG CTCTCTCGAC GCAGGACTCG GCTTGCTGAA GCGCGCACGG
721   CAAGAGGCGA GGGGCGGCGA CTGGTGAGTA CGCCAAAAAT TTTGACTAGC GGAGGCTAGA
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	781	AGGAGAGAGA	TGGGTGCGAG	AGCGTCAGTA	TTAAGCGGGG	GAGAATTAGA	TCGCGATGGG
	841	AAAAAATTCG	GTTAAGGCCA	GGGGGAAAGA	AAAAATATAA	ATTAAAACAT	ATAGTATGGG
	901	CAAGCAGGGA	GCTAGAACGA	TTCGCAGTTA	ATCCTGGCCT	GTTAGAAACA	TCAGAAGGCT
	961	GTAGACAAAT	ACTGGGACAG	CTACAACCAT	CCCTTCAGAC	AGGATCAGAA	GAACTTAGAT
	1021	CATTATATAA	TACAGTAGCA	ACCCTCTATT	GTGTGCATCA	AAGGATAGAG	ATAAAAGACA
	1081	CCAAGGAAGC	TTTAGACAAG	ATAGAGGAAG	AGCAAAACAA	AAGTAAGACC	ACCGCACAGC
	1141	AAGCGGCCGG	CCGCTGATCT	TCAGACCTGG	AGGAGGAGAT	ATGAGGGACA	ATTGGAGAAG
	1201	TGAATTATAT	AAATATAAAG	TAGTAAAAAT	TGAACCATTA	GGAGTAGCAC	CCACCAAGGC
	1261	AAAGAGAAGA	GTGGTGCAGA	GAGAAAAAAG	AGCAGTGGGA	ATAGGAGCTT	TGTTCCTTGG
	1321	GTTCTTGGGA	GCAGCAGGAA	GCACTATGGG	CGCAGCGTCA	ATGACGCTGA	CGGTACAGGC
	1381	CAGACAATTA	TTGTCTGGTA	TAGTGCAGCA	GCAGAACAAT	TTGCTGAGGG	CTATTGAGGC
	1441	GCAACAGCAT	CTGTTGCAAC	TCACAGTCTG	GGGCATCAAG	CAGCTCCAGG	CAAGAATCCT
	1501	GGCTGTGGAA	AGATACCTAA	AGGATCAACA	GCTCCTGGGG	ATTTGGGGTT	GCTCTGGAAA
	1561	ACTCATTTGC	ACCACTGCTG	TGCCTTGGAA	TGCTAGTTGG	AGTAATAAAT	CTCTGGAACA
	1621	GATTTGGAAT	CACACGACCT	GGATGGAGTG	GGACAGAGAA	ATTAACAATT	ACACAAGCTT
	1681	AATACACTCC	TTAATTGAAG	AATCGCAAAA	CCAGCAAGAA	AAGAATGAAC	AAGAATTATT
	1741	GGAATTAGAT	AAATGGGCAA	GTTTGTGGAA	TTGGTTTAAC	ATAACAAATT	GGCTGTGGTA
	1801	TATAAAATTA	TTCATAATGA	TAGTAGGAGG	CTTGGTAGGT	TTAAGAATAG	TTTTTGCTGT
	1861	ACTTTCTATA	GTGAATAGAG	TTAGGCAGGG	ATATTCACCA	TTATCGTTTC	AGACCCACCT
	1921	CCCAACCCCG	AGGGGACCCG	ACAGGCCCGA	AGGAATAGAA	GAAGAAGGTG	GAGAGAGAGA
	1981	CAGAGACAGA	TCCATTCGAT	TAGTGAACGG	ATCTCGACGG	TATCGCCTTT	AAAAGAAAAG
	2041	GGGGGATTGG	GGGGTACAGT	GCAGGGGAAA	GAATAGTAGA	CATAATAGCA	ACAGACATAC
	2101	AAACTAAAGA	ATTACAAAAA	CAAATTACAA	AAATTCAAAA	TTTTCGGGTT	TATTACAGGG
	2161	ACAGCAGAGA	TCCAGTTTAT	CGATGAGTAA	TTCATACAAA	AGGACTCGCC	CCTGCCTTGG
	2221	GGAATCCCAG	GGACCGTCGT	TAAACTCCCA	CTAACGTAGA	ACCCAGAGAT	CGCTGCGTTC
	2281	CCGCCCCCTC	ACCCGCCCGC	TCTCGTCATC	ACTGAGGTGG	AGAAGAGCAT	GCGTGAGGCT
	2341	CCGGTGCCCG	TCAGTGGGCA	GAGCGCACAT	CGCCCACAGT	CCCCGAGAAG	TTGGGGGGAG
	2401	GGGTCGGCAA	TTGAACCGGT	GCCTAGAGAA	GGTGGCGCGG	GGTAAACTGG	GAAAGTGATG
	2461	TCGTGTACTG	GCTCCGCCTT	TTTCCCGAGG	GTGGGGGAGA	ACCGTATATA	AGTGCAGTAG
	2521	TCGCCGTGAA	CGTTCTTTTT	CGCAACGGGT	TTGCCGCCAG	AACACAGGTA	AGTGCCGTGT
	2581	GTGGTTCCCG	CGGGCCTGGC	CTCTTTACGG	GTTATGGCCC	TTGCGTGCCT	TGAATTACTT
	2641	CCACGCCCCT	GGCTGCAGTA	CGTGATTCTT	GATCCCGAGC	TTCGGGTTGG	AAGTGGGTGG
	2701	GAGAGTTCGA	GGCCTTGCGC	TTAAGGAGCC	CCTTCGCCTC	GTGCTTGAGT	TGAGGCCTGG
	2761	CTTGGGCGCT	GGGGCCGCCG	CGTGCGAATC	TGGTGGCACC	TTCGCGCCTG	TCTCGCTGCT
	2821	TTCGATAAGT	CTCTAGCCAT	TTAAAATTTT	TGATGACCTG	CTGCGACGCT	TTTTTTCTGG
	2881	CAAGATAGTC	TTGTAAATGC	GGGCCAAGAT	CTGCACACTG	GTATTTCGGT	TTTTGGGGCC
	2941	GCGGGCGGCG	ACGGGGCCCG	TGCGTCCCAG	CGCACATGTT	CGGCGAGGCG	GGGCCTGCGA
	3001	GCGCGGCCAC	CGAGAATCGG	ACGGGGGTAG	TCTCAAGCTG	GCCGGCCTGC	TCTGGTGCCT
	3061	GGCCTCGCGC	CGCCGTGTAT	CGCCCCGCCC	TGGGCGGCAA	GGCTGGCCCG	GTCGGCACCA
	3121	GTTGCGTGAG	CGGAAAGATG	GCCGCTTCCC	GGCCCTGCTG	CAGGGAGCTC	AAAATGGAGG
	3181	ACGCGGCGCT	CGGGAGAGCG	GGCGGGTGAG	TCACCCACAC	AAAGGAAAAG	GGCCTTTCCG
	3241	TCCTCAGCCG	TCGCTTCATG	TGACTCCACG	GAGTACCGGG	CGCCGTCCAG	GCACCTCGAT
	3301	TAGTTCTCGA	GCTTTTGGAG	TACGTCGTCT	TTAGGTTGGG	GGGAGGGGTT	TTATGCGATG
	3361	GAGTTTCCCC	ACACTGAGTG	GGTGGAGACT	GAAGTTAGGC	CAGCTTGGCA	CTTGATGTAA
	3421	TTCTCCTTGG	AATTTGCCCT	TTTTGAGTTT	GGATCTTGGT	TCATTCTCAA	GCCTCAGACA
	3481	GTGGTTCAAA	GTTTTTTTCT	TCCATTTCAG	GTGTCGTGAG	GATCGCTAGC	GCTACCGGAC
	3541	TCAGATCTCG	AGCTCAAGCT	TCGAATTCTG	CAGTCGACGG	TACCGCGGGC	CCGGGATCCA

3601	CCGGTCATGG	TGAGCAAGGG	CGCCGAGCTG	TTCACCGGCA	TCGTGCCCAT	CCTGATCGAG
3661	CTGAATGGCG	ATGTGAATGG	CCACAAGTTC	AGCGTGAGCG	GCGAGGGCGA	GGGCGATGCC
3721	ACCTACGGCA	AGCTGACCCT	GAAGTTCATC	TGCACCACCG	GCAAGCTGCC	TGTGCCCTGG
3781	CCCACCCTGG	TGACCACCCT	GAGCTACGGC	GTGCAGTGCT	TCTCACGCTA	CCCCGATCAC
3841	ATGAAGCAGC	ACGACTTCTT	CAAGAGCGCC	ATGCCTGAGG	GCTACATCCA	GGAGCGCACC
3901	ATCTTCTTCG	AGGATGACGG	CAACTACAAG	TCGCGCGCCG	AGGTGAAGTT	CGAGGGCGAT
3961	ACCCTGGTGA	ATCGCATCGA	GCTGACCGGC	ACCGATTTCA	AGGAGGATGG	CAACATCCTG
4021	GGCAATAAGA	TGGAGTACAA	CTACAACGCC	CACAATGTGT	ACATCATGAC	CGACAAGGCC
4081	AAGAATGGCA	TCAAGGTGAA	CTTCAAGATC	CGCCACAACA	TCGAGGATGG	CAGCGTGCAG
4141	CTGGCCGACC	ACTACCAGCA	GAATACCCCC	ATCGGCGATG	GCCCTGTGCT	GCTGCCCGAT
4201	AACCACTACC	TGTCCACCCA	GAGCGCCCTG	TCCAAGGACC	CCAACGAGAA	GCGCGATCAC
4261	ATGATCTACT	TCGGCTTCGT	GACCGCCGCC	GCCATCACCC	ACGGCATGGA	TGAGCTGTAC
4321	AAGTGAGCGG	CCGCGACTCT	AGATAATTCT	ACCGGGTAGG	GGAGGCGCTT	TTCCCAAGGC
4381	AGTCTGGAGC	ATGCGCTTTA	GCAGCCCCGC	TGGGCACTTG	GCGCTACACA	AGTGGCCTCT
4441	GGCCTCGCAC	ACATTCCACA	TCCACCGGTA	GGCGCCAACC	GGCTCCGTTC	TTTGGTGGCC
4501	CCTTCGCGCC	ACCTTCTACT	CCTCCCCTAG	TCAGGAAGTT	CCCCCCCGCC	CCGCAGCTCG
4561	CGTCGTGCAG	GACGTGACAA	ATGGAAGTAG	CACGTCTCAC	TAGTCTCGTG	CAGATGGACA
4621	GCACCGCTGA	GCAATGGAAG	CGGGTAGGCC	TTTGGGGCAG	CGGCCAATAG	CAGCTTTGCT
4681	CCTTCGCTTT	CTGGGCTCAG	AGGCTGGGAA	GGGGTGGGTC	CGGGGGCGGG	CTCAGGGGCG
4741	GGCTCAGGGG	CGGGGCGGGC	GCCCGAAGGT	CCTCCGGAGG	CCCGGCATTC	TGCACGCTTC
4801	AAAAGCGCAC	GTCTGCCGCG	CTGTTCTCCT	CTTCCTCATC	TCCGGGCCTT	TCGACCTGCA
4861	GCCCAAGCTT	ACCATGACCG	AGTACAAGCC	CACGGTGCGC	CTCGCCACCC	GCGACGACGT
4921	CCCCAGGGCC	GTACGCACCC	TCGCCGCCGC	GTTCGCCGAC	TACCCCGCCA	CGCGCCACAC
4981	CGTCGATCCG	GACCGCCACA	TCGAGCGGGT	CACCGAGCTG	CAAGAACTCT	TCCTCACGCG
5041	CGTCGGGCTC	GACATCGGCA	AGGTGTGGGT	CGCGGACGAC	GGCGCCGCGG	TGGCGGTCTG
5101	GACCACGCCG	GAGAGCGTCG	AAGCGGGGGC	GGTGTTCGCC	GAGATCGGCC	CGCGCATGGC
5161	CGAGTTGAGC	GGTTCCCGGC	TGGCCGCGCA	GCAACAGATG	GAAGGCCTCC	TGGCGCCGCA
5221	CCGGCCCAAG	GAGCCCGCGT	GGTTCCTGGC	CACCGTCGGC	GTCTCGCCCG	ACCACCAGGG
5281	CAAGGGTCTG	GGCAGCGCCG	TCGTGCTCCC	CGGAGTGGAG	GCGGCCGAGC	GCGCCGGGGT
5341	GCCCGCCTTC	CTGGAGACCT	CCGCGCCCCG	CAACCTCCCC	TTCTACGAGC	GGCTCGGCTT
5401	CACCGTCACC	GCCGACGTCG	AGGTGCCCGA	AGGACCGCGC	ACCTGGTGCA	TGACCCGCAA
5461	GCCCGGTGCC	TGACCGCGTC	TGGAACAATC	AACCTCTGGA	TTACAAAATT	TGTGAAAGAT
5521	TGACTGGTAT	TCTTAACTAT	GTTGCTCCTT	TTACGCTATG	TGGATACGCT	GCTTTAATGC
5581	CTTTGTATCA	TGCTATTGCT	TCCCGTATGG	CTTTCATTTT	CTCCTCCTTG	TATAAATCCT
5641	GGTTGCTGTC	TCTTTATGAG	GAGTTGTGGC	CCGTTGTCAG	GCAACGTGGC	GTGGTGTGCA
5701	CTGTGTTTGC	TGACGCAACC	CCCACTGGTT	GGGGCATTGC	CACCACCTGT	CAGCTCCTTT
5761	CCGGGACTTT	CGCTTTCCCC	CTCCCTATTG	CCACGGCGGA	ACTCATCGCC	GCCTGCCTTG
5821	CCCGCTGCTG	GACAGGGGCT	CGGCTGTTGG	GCACTGACAA	TTCCGTGGTG	TTGTCGGGGA
5881	AGCTGACGTC	CTTTCCATGG	CTGCTCGCCT	GTGTTGCCAC	CTGGATTCTG	CGCGGGACGT
5941	CCTTCTGCTA	CGTCCCTTCG	GCCCTCAATC	CAGCGGACCT	TCCTTCCCGC	GGCCTGCTGC
6001	CGGCTCTGCG	GCCTCTTCCG	CGTCTTCGCC	TTCGCCCTCA	GACGAGTCGG	ATCTCCCTTT
6061	GGGCCGCCTC	CCCGCCTGGA	ATTAATTCTG	CAGTCGAGAC	CTAGAAAAAC	ATGGAGCAAT
6121	CACAAGTAGC	AATACAGCAG	CTACCAATGC	TGATTGTGCC	TGGCTAGAAG	CACAAGAGGA
6181	GGAGGAGGTG	GGTTTTCCAG	TCACACCTCA	GGTACCTTTA	AGACCAATGA	CTTACAAGGC
6241	AGCTGTAGAT	CTTAGCCACT	TTTTAAAAGA	AAAGAGGGGA	CTGGAAGGGC	TAATTCACTC
6301	CCAACGAAGA	CAAGATATCC	TTGATCTGTG	GATCTACCAC	ACACAAGGCT	ACTTCCCTGA
6361	TTAGCAGAAC	TACACACCAG	GGCCAGGGGT	CAGATATCCA	CTGACCTTTG	GATGGTGCTA

	6421	CAAGCTAGTA	CCAGTTGAGC	CAGATAAGGT	AGAAGAGGCC	AATAAAGGAG	AGAACACCAG
	6481	CTTGTTACAC	CCTGTGAGCC	TGCATGGGAT	GGATGACCCG	GAGAGAGAAG	TGTTAGAGTG
	6541	GAGGTTTGAC	AGCCGCCTAG	CATTTCATCA	CGTGGCCCGA	GAGCTGCATC	CGGAGTACTT
	6601	CAAGAACTGC	TGATATCGAG	CTTGCTACAA	GGGACTTTCC	GCTGGGGACT	TTCCAGGGAG
	6661	GCGTGGCCTG	GGCGGGACTG	GGGAGTGGCG	AGCCCTCAGA	TCCTGCATAT	AAGCAGCTGC
	6721	TTTTTGCCTG	TACTGGGTCT	CTCTGGTTAG	ACCAGATCTG	AGCCTGGGAG	CTCTCTGGCT
	6781	AACTAGGGAA	CCCACTGCTT	AAGCCTCAAT	AAAGCTTGCC	TTGAGTGCTT	CAAGTAGTGT
	6841	GTGCCCGTCT	GTTGTGTGAC	TCTGGTAACT	AGAGATCCCT	CAGACCCTTT	TAGTCAGTGT
	6901	GGAAAATCTC	TAGCAGTAGT	AGTTCATGTC	ATCTTATTAT	TCAGTATTTA	TAACTTGCAA
	6961	AGAAATGAAT	ATCAGAGAGT	GAGAGGCCTT	GACATTGCTA	GCGTTTTACC	GTCGACCTCT
	7021	AGCTAGAGCT	TGGCGTAATC	ATGGTCATAG	CTGTTTCCTG	TGTGAAATTG	TTATCCGCTC
	7081	ACAATTCCAC	ACAACATACG	AGCCGGAAGC	ATAAAGTGTA	AAGCCTGGGG	TGCCTAATGA
	7141	GTGAGCTAAC	TCACATTAAT	TGCGTTGCGC	TCACTGCCCG	CTTTCCAGTC	GGGAAACCTG
	7201	TCGTGCCAGC	TGCATTAATG	AATCGGCCAA	CGCGCGGGGA	GAGGCGGTTT	GCGTATTGGG
	7261	CGCTCTTCCG	CTTCCTCGCT	CACTGACTCG	CTGCGCTCGG	TCGTTCGGCT	GCGGCGAGCG
	7321	GTATCAGCTC	ACTCAAAGGC	GGTAATACGG	TTATCCACAG	AATCAGGGGA	TAACGCAGGA
	7381	AAGAACATGT	GAGCAAAAGG	CCAGCAAAAG	GCCAGGAACC	GTAAAAAGGC	CGCGTTGCTG
	7441	GCGTTTTTCC	ATAGGCTCCG	CCCCCCTGAC	GAGCATCACA	AAAATCGACG	CTCAAGTCAG
	7501	AGGTGGCGAA	ACCCGACAGG	ACTATAAAGA	TACCAGGCGT	TTCCCCCTGG	AAGCTCCCTC
	7561	GTGCGCTCTC	CTGTTCCGAC	CCTGCCGCTT	ACCGGATACC	TGTCCGCCTT	TCTCCCTTCG
	7621	GGAAGCGTGG	CGCTTTCTCA	TAGCTCACGC	TGTAGGTATC	TCAGTTCGGT	GTAGGTCGTT
	7681	CGCTCCAAGC	TGGGCTGTGT	GCACGAACCC	CCCGTTCAGC	CCGACCGCTG	CGCCTTATCC
	7741	GGTAACTATC	GTCTTGAGTC	CAACCCGGTA	AGACACGACT	TATCGCCACT	GGCAGCAGCC
	7801	ACTGGTAACA	GGATTAGCAG	AGCGAGGTAT	GTAGGCGGTG	CTACAGAGTT	CTTGAAGTGG
	7861	TGGCCTAACT	ACGGCTACAC	TAGAAGAACA	GTATTTGGTA	TCTGCGCTCT	GCTGAAGCCA
	7921	GTTACCTTCG	GAAAAAGAGT	TGGTAGCTCT	TGATCCGGCA	AACAAACCAC	CGCTGGTAGC
	7981	GGTGGTTTTT	TTGTTTGCAA	GCAGCAGATT	ACGCGCAGAA	AAAAAGGATC	TCAAGAAGAT
	8041	CCTTTGATCT	TTTCTACGGG	GTCTGACGCT	CAGTGGAACG	AAAACTCACG	TTAAGGGATT
	8101	TTGGTCATGA	GATTATCAAA	AAGGATCTTC	ACCTAGATCC	TTTTAAATTA	AAAATGAAGT
	8161	TTTAAATCAA	TCTAAAGTAT	ATATGAGTAA	ACTTGGTCTG	ACAGTTACCA	ATGCTTAATC
	8221	AGTGAGGCAC	CTATCTCAGC	GATCTGTCTA	TTTCGTTCAT	CCATAGTTGC	CTGACTCCCC
	8281	GTCGTGTAGA	TAACTACGAT	ACGGGAGGGC	TTACCATCTG	GCCCCAGTGC	TGCAATGATA
	8341	CCGCGAGACC	CACGCTCACC	GGCTCCAGAT	TTATCAGCAA	TAAACCAGCC	AGCCGGAAGG
	8401	GCCGAGCGCA	GAAGTGGTCC	TGCAACTTTA	TCCGCCTCCA	TCCAGTCTAT	TAATTGTTGC
	8461	CGGGAAGCTA	GAGTAAGTAG	TTCGCCAGTT	AATAGTTTGC	GCAACGTTGT	TGCCATTGCT
	8521	ACAGGCATCG	TGGTGTCACG	CTCGTCGTTT	GGTATGGCTT	CATTCAGCTC	CGGTTCCCAA
	8581	CGATCAAGGC	GAGTTACATG	ATCCCCCATG	TTGTGCAAAA	AAGCGGTTAG	CTCCTTCGGT
	8641	CCTCCGATCG	TTGTCAGAAG	TAAGTTGGCC	GCAGTGTTAT	CACTCATGGT	TATGGCAGCA
	8701	CTGCATAATT	CTCTTACTGT	CATGCCATCC	GTAAGATGCT	TTTCTGTGAC	TGGTGAGTAC
	8761	TCAACCAAGT	CATTCTGAGA	ATAGTGTATG	CGGCGACCGA	GTTGCTCTTG	CCCGGCGTCA
	8821	ATACGGGATA	ATACCGCGCC	ACATAGCAGA	ACTTTAAAAG	TGCTCATCAT	TGGAAAACGT
	8881	TCTTCGGGGC	GAAAACTCTC	AAGGATCTTA	CCGCTGTTGA	GATCCAGTTC	GATGTAACCC
	8941	ACTCGTGCAC	CCAACTGATC	TTCAGCATCT	TTTACTTTCA	CCAGCGTTTC	TGGGTGAGCA
	9001	AAAACAGGAA	GGCAAAATGC	CGCAAAAAAG	GGAATAAGGG	CGACACGGAA	ATGTTGAATA
	9061	CTCATACTCT	TCCTTTTTCA	ATATTATTGA	AGCATTTATC	AGGGTTATTG	TCTCATGAGC
	9121	GGATACATAT	TTGAATGTAT	TTAGAAAAAT	AAACAAATAG	GGGTTCCGCG	CACATTTCCC
	9181	CGAAAAGTGC	CACCTGACGT	CGACGGATCG	GGAGATCAAC	TTGTTTATTG	CAGCTTATAA

	9241 TGGTTACAAA TAAAGCAATA GCATCACAAA TTTCACAAAT AAAGCATTTT TTTCACTGCA 9301 TTCTAGTTGT GGTTTGTCCA AACTCATCAA TGTATCTTAT CATGTCTGGA TCAACTGGAT 9361 AACTCAAGCT AACCAAAATC ATCCCAAACT TCCCACCCCA TACCCTATTA CCACTGCCAA 9421 TTACCTGTGG TTTCATTTAC TCTAAACCTG TGATTCCTCT GAATTATTTT CATTTTAAAG 9481 AAATTGTATT TGTTAAATAT GTACTACAAA CTTAGTAGT
测序结果	**本批次（037002hb）序列可参考上述序列，实际序列以测序结果为准。**
关联产品	pMDIII 质粒 DNA

20251125sxl