天净沙系列

CAT#:1-3234

常温运输及保存

天净沙

p2300-35S-H2B-mCherry-OC 质粒 DNA

p2300-35S-H2B-mCherry-OC Plasmid DNA

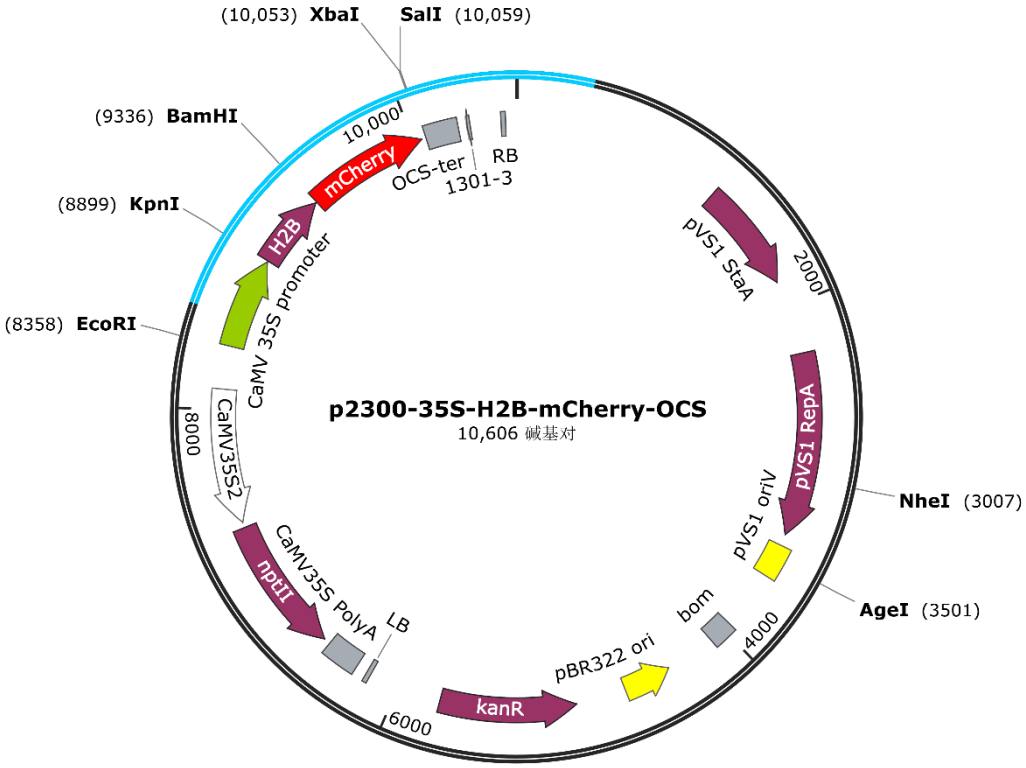
使用手册 V1.0

北京天净沙基因科技有限公司

网址：www.tjs.bio；电话：400-1078566；电邮：order@tjs.bio

产品及特点

p2300-35S-H2B-mCherry-OC 质粒 DNA 是一款全长 10606 bp 的农杆菌双元植物表达质粒，该质粒具有 pBR322 ori 复制子，携带卡那霉素抗性基因、nptⅡ植物筛选标记。该载体利用组蛋白 H2B 结合染色质的特性实现 mCherry 红色荧光对植物细胞核的特异性示踪，可用于用于活细胞荧光显微成像、核示踪、细胞核动态观察。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
p2300-35S-H2B-mCherry-OC 质粒 DNA 干粉	1-3234	2 μg	0.5 mL 本色管
使用手册	sc1-3234	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

```
1      catgccaacc  acagggttcc  cctcgggatc  aaagtacttt  gatccaaccc  ctccgctgct
61     atagtgcagt  cggcttctga  cgttcagtgc  agccgtcttc  tgaaaacgac  atgtcgcaca
121    agtcctaagt  tacgcgacag  gctgccgccc  tgccctttc   ctggcgtttt  cttgtcgcgt
181    gttttagtcg  cataaagtag  aatacttgcg  actagaaccg  gagacattac  gccatgaaca
241    agagcgccgc  cgctggcctg  ctgggctatg  cccgcgtcag  caccgacgac  caggacttga
301    ccaaccaacg  ggccgaactg  cacgcggccg  gctgcaccaa  gctgttttcc  gagaagatca
361    ccggcaccag  gcgcgaccgc  ccggagctgg  ccaggatgct  tgaccaccta  cgccctggcg
```

421	acgttgtgac	agtgaccagg	ctagaccgcc	tggcccgcag	cacccgcgac	ctactggaca
481	ttgccgagcg	catccaggag	gccggcgcgg	gcctgcgtag	cctggcagag	ccgtgggccg
541	acaccaccac	gccggccggc	cgcatggtgt	tgaccgtgtt	cgccggcatt	gccgagttcg
601	agcgttccct	aatcatcgac	cgcacccgga	gcgggcgcga	ggccgccaag	gcccgaggcg
661	tgaagtttgg	cccccgccct	accctcaccc	cggcacagat	cgcgcacgcc	cgcgagctga
721	tcgaccagga	aggccgcacc	gtgaaagagg	cggctgcact	gcttggcgtg	catcgctcga
781	ccctgtaccg	cgcacttgag	cgcagcgagg	aagtgacgcc	caccgaggcc	aggcggcgcg
841	gtgccttccg	tgaggacgca	ttgaccgagg	ccgacgccct	ggcggccgcc	gagaatgaac
901	gccaagagga	acaagcatga	aaccgcacca	ggacggccag	gacgaaccgt	ttttcattac
961	cgaagagatc	gaggcggaga	tgatcgcggc	cgggtacgtg	ttcgagccgc	ccgcgcacgt
1021	ctcaaccgtg	cggctgcatg	aaatcctggc	cggtttgtct	gatgccaagc	tggcggcctg
1081	gccggccagc	ttggccgctg	aagaaaccga	gcgccgccgt	ctaaaaaggt	gatgtgtatt
1141	tgagtaaaac	agcttgcgtc	atgcggtcgc	tgcgtatatg	atgcgatgag	taaataaaca
1201	aatacgcaag	gggaacgcat	gaaggttatc	gctgtactta	accagaaagg	cgggtcaggc
1261	aagacgacca	tcgcaaccca	tctagcccgc	gccctgcaac	tcgccggggc	cgatgttctg
1321	ttagtcgatt	ccgatcccca	gggcagtgcc	cgcgattggg	cggccgtgcg	ggaagatcaa
1381	ccgctaaccg	ttgtcggcat	cgaccgcccg	acgattgacc	gcgacgtgaa	ggccatcggc
1441	cggcgcgact	tcgtagtgat	cgacggagcg	ccccaggcgg	cggacttggc	tgtgtccgcg
1501	atcaaggcag	ccgacttcgt	gctgattccg	gtgcagccaa	gcccttacga	catatgggcc
1561	accgccgacc	tggtggagct	ggttaagcag	cgcattgagg	tcacggatgg	aaggctacaa
1621	gcggcctttg	tcgtgtcgcg	ggcgatcaaa	ggcacgcgca	tcggcggtga	ggttgccgag
1681	gcgctggccg	ggtacgagct	gcccattctt	gagtcccgta	tcacgcagcg	cgtgagctac
1741	ccaggcactg	ccgccgccgg	cacaaccgtt	cttgaatcag	aacccgaggg	cgacgctgcc
1801	cgcgaggtcc	aggcgctggc	cgctgaaatt	aaatcaaaac	tcatttgagt	taatgaggta
1861	aagagaaaat	gagcaaaagc	acaaacacgc	taagtgccgg	ccgtccgagc	gcacgcagca
1921	gcaaggctgc	aacgttggcc	agcctggcag	acacgccagc	catgaagcgg	gtcaactttc
1981	agttgccggc	ggaggatcac	accaagctga	agatgtacgc	ggtacgccaa	ggcaagacca
2041	ttaccgagct	gctatctgaa	tacatcgcgc	agctaccaga	gtaaatgagc	aaatgaataa
2101	atgagtagat	gaattttagc	ggctaaagga	ggcggcatgg	aaaatcaaga	acaaccaggc
2161	accgacgccg	tggaatgccc	catgtgtgga	ggaacgggcg	gttggccagg	cgtaagcggc
2221	tgggttgtct	gccggccctg	caatggcact	ggaaccccca	agcccgagga	atcggcgtga
2281	cggtcgcaaa	ccatccggcc	cggtacaaat	cggcgcggcg	ctgggtgatg	acctggtgga
2341	gaagttgaag	gccgcgcagg	ccgcccagcg	gcaacgcatc	gaggcagaag	cacgccccgg
2401	tgaatcgtgg	caagcggccg	ctgatcgaat	ccgcaaagaa	tcccggcaac	cgccggcagc
2461	cggtgcgccg	tcgattagga	agccgcccaa	gggcgacgag	caaccagatt	ttttcgttcc
2521	gatgctctat	gacgtgggca	cccgcgatag	tcgcagcatc	atggacgtgg	ccgttttccg
2581	tctgtcgaag	cgtgaccgac	gagctggcga	ggtgatccgc	tacgagcttc	cagacgggca
2641	cgtagaggtt	tccgcagggc	cggccggcat	ggccagtgtg	tgggattacg	acctggtact
2701	gatggcggtt	tcccatctaa	ccgaatccat	gaaccgatac	cgggaaggga	agggagacaa
2761	gcccggccgc	gtgttccgtc	cacacgttgc	ggacgtactc	aagttctgcc	ggcgagccga
2821	tggcggaaag	cagaaagacg	acctggtaga	aacctgcatt	cggttaaaca	ccacgcacgt
2881	tgccatgcag	cgtacgaaga	aggccaagaa	cggccgcctg	gtgacggtat	ccgagggtga
2941	agccttgatt	agccgctaca	agatcgtaaa	gagcgaaacc	gggcggccgg	agtacatcga
3001	gatcgagcta	gctgattgga	tgtaccgcga	gatcacagaa	ggcaagaacc	cggacgtgct
3061	gacggttcac	cccgattact	ttttgatcga	tcccggcatc	ggccgttttc	tctaccgcct
3121	ggcacgccgc	gccgcaggca	aggcagaagc	cagatggttg	ttcaagacga	tctacgaacg
3181	cagtggcagc	gccggagagt	tcaagaagtt	ctgtttcacc	gtgcgcaagc	tgatcgggtc

3241	aaatgacctg	ccggagtacg	atttgaagga	ggaggcgggg	caggctggcc	cgatcctagt
3301	catgcgctac	cgcaacctga	tcgagggcga	agcatccgcc	ggttcctaat	gtacggagca
3361	gatgctaggg	caaattgccc	tagcagggga	aaaaggtcga	aaaggtctct	ttcctgtgga
3421	tagcacgtac	attgggaacc	caaagccgta	cattgggaac	cggaacccgt	acattgggaa
3481	cccaaagccg	tacattggga	accggtcaca	catgtaagtg	actgatataa	aagagaaaaa
3541	aggcgatttt	tccgcctaaa	actctttaaa	acttattaaa	actcttaaaa	cccgcctggc
3601	ctgtgcataa	ctgtctggcc	agcgcacagc	cgaagagctg	caaaaagcgc	ctacccttcg
3661	gtcgctgcgc	tccctacgcc	ccgccgcttc	gcgtcggcct	atcgcggccg	ctggccgctc
3721	aaaaatggct	ggcctacggc	caggcaatct	accagggcgc	ggacaagccg	cgccgtcgcc
3781	actcgaccgc	cggcgcccac	atcaaggcac	cctgcctcgc	gcgtttcggt	gatgacggtg
3841	aaaacctctg	acacatgcag	ctcccggaga	cggtcacagc	ttgtctgtaa	gcggatgccg
3901	ggagcagaca	agcccgtcag	ggcgcgtcag	cgggtgttgg	cgggtgtcgg	ggcgcagcca
3961	tgacccagtc	acgtagcgat	agcggagtgt	atactggctt	aactatgcgg	catcagagca
4021	gattgtactg	agagtgcacc	atatgcggtg	tgaaataccg	cacagatgcg	taaggagaaa
4081	ataccgcatc	aggcgctctt	ccgcttcctc	gctcactgac	tcgctgcgct	cggtcgttcg
4141	gctgcggcga	gcggtatcag	ctcactcaaa	ggcggtaata	cggttatcca	cagaatcagg
4201	ggataacgca	ggaaagaaca	tgtgagcaaa	aggccagcaa	aaggccagga	accgtaaaaa
4261	ggccgcgttg	ctggcgtttt	tccataggct	ccgcccccct	gacgagcatc	acaaaaatcg
4321	acgctcaagt	cagaggtggc	gaaacccgac	aggactataa	agataccagg	cgtttccccc
4381	tggaagctcc	ctcgtgcgct	ctcctgttcc	gaccctgccg	cttaccggat	acctgtccgc
4441	ctttctccct	tcgggaagcg	tggcgctttc	tcatagctca	cgctgtaggt	atctcagttc
4501	ggtgtaggtc	gttcgctcca	agctgggctg	tgtgcacgaa	ccccccgttc	agcccgaccg
4561	ctgcgcctta	tccggtaact	atcgtcttga	gtccaacccg	gtaagacacg	acttatcgcc
4621	actggcagca	gccactggta	acaggattag	cagagcgagg	tatgtaggcg	gtgctacaga
4681	gttcttgaag	tggtggccta	actacggcta	cactagaagg	acagtatttg	gtatctgcgc
4741	tctgctgaag	ccagttacct	tcggaaaaag	agttggtagc	tcttgatccg	gcaaacaaac
4801	caccgctggt	agcggtggtt	tttttgtttg	caagcagcag	attacgcgca	gaaaaaaagg
4861	atctcaagaa	gatcctttga	tcttttctac	ggggtctgac	gctcagtgga	acgaaaactc
4921	acgttaaggg	attttggtca	tgcattctag	gtactaaaac	aattcatcca	gtaaaatata
4981	atattttatt	ttctcccaat	caggcttgat	ccccagtaag	tcaaaaaata	gctcgacata
5041	ctgttcttcc	ccgatatcct	ccctgatcga	ccggacgcag	aaggcaatgt	cataccactt
5101	gtccgccctg	ccgcttctcc	caagatcaat	aaagccactt	actttgccat	ctttcacaaa
5161	gatgttgctg	tctcccaggt	cgccgtggga	aaagacaagt	tcctcttcgg	gcttttccgt
5221	ctttaaaaaa	tcatacagct	cgcgcggatc	tttaaatgga	gtgtcttctt	cccagttttc
5281	gcaatccaca	tcggccagat	cgttattcag	taagtaatcc	aattcggcta	agcggctgtc
5341	taagctattc	gtatagggac	aatccgatat	gtcgatggag	tgaaagagcc	tgatgcactc
5401	cgcatacagc	tcgataatct	tttcagggct	ttgttcatct	tcatactctt	ccgagcaaag
5461	gacgccatcg	gcctcactca	tgagcagatt	gctccagcca	tcatgccgtt	caaagtgcag
5521	gacctttgga	acaggcagct	ttccttccag	ccatagcatc	atgtccttt	cccgttccac
5581	atcataggtg	gtccctttat	accggctgtc	cgtcatttt	aaatataggt	tttcatttc
5641	tcccaccagc	ttatatacct	tagcaggaga	cattccttcc	gtatctttta	cgcagcggta
5701	tttttcgatc	agtttttca	attccggtga	tattctcatt	ttagccattt	attatttcct
5761	tcctcttttc	tacagtattt	aaagataccc	caagaagcta	attataacaa	gacgaactcc
5821	aattcactgt	tccttgcatt	ctaaaacctt	aaataccaga	aaacagcttt	ttcaaagttg
5881	ttttcaaagt	tggcgtataa	catagtatcg	acggagccga	ttttgaaacc	gcggtgatca
5941	caggcagcaa	cgctctgtca	tcgttacaat	caacatgcta	ccctccgcga	gatcatccgt
6001	gtttcaaacc	cggcagctta	gttgccgttc	ttccgaatag	catcggtaac	atgagcaaag

6061	tctgccgcct	tacaacggct	ctcccgctga	cgccgtcccg	gactgatggg	ctgcctgtat
6121	cgagtggtga	ttttgtgccg	agctgccggt	cggggagctg	ttggctggct	ggtggcagga
6181	tatattgtgg	tgtaaacaaa	ttgacgctta	gacaacttaa	taacacattg	cggacgtttt
6241	taatgtactg	aattaacgcc	gaattaattc	gggggatctg	gattttagta	ctggattttg
6301	gttttaggaa	ttagaaattt	tattgataga	agtattttac	aaatacaaat	acatactaag
6361	ggtttcttat	atgctcaaca	catgagcgaa	accctatagg	aaccctaatt	cccttatctg
6421	ggaactactc	acacattatt	atggagaaac	tcgagcttgt	cgatcgactc	tagctagagg
6481	atcgatccga	accccagagt	cccgctcaga	agaactcgtc	aagaaggcga	tagaaggcga
6541	tgcgctgcga	atcgggagcg	gcgataccgt	aaagcacgag	gaagcggtca	gcccattcgc
6601	cgccaagctc	ttcagcaata	tcacgggtag	ccaacgctat	gtcctgatag	cggtccgcca
6661	cacccagccg	gccacagtcg	atgaatccag	aaaagcggcc	attttccacc	atgatattcg
6721	gcaagcaggc	atcgccatgt	gtcacgacga	gatcctcgcc	gtcgggcatg	cgcgccttga
6781	gcctggcgaa	cagttcggct	ggcgcgagcc	cctgatgctc	ttcgtccaga	tcatcctgat
6841	cgacaagacc	ggcttccatc	cgagtacgtg	ctcgctcgat	gcgatgtttc	gcttggtggt
6901	cgaatgggca	ggtagccgga	tcaagcgtat	gcagccgccg	cattgcatca	gccatgatgg
6961	atactttctc	ggcaggagca	aggtgagatg	acaggagatc	ctgccccggc	acttcgccca
7021	atagcagcca	gtcccttccc	gcttcagtga	caacgtcgag	cacagctgcg	caaggaacgc
7081	ccgtcgtggc	cagccacgat	agccgcgctg	cctcgtcctg	gagttcattc	agggcaccgg
7141	acaggtcggt	cttgacaaaa	agaaccgggc	gcccctgcgc	tgacagccgg	aacacggcgg
7201	catcagagca	gccgattgtc	tgttgtgccc	agtcatagcc	gaatagcctc	tccacccaag
7261	cggccggaga	acctgcgtgc	aatccatctt	gttcaatccc	catggtcgat	cgacagatct
7321	gcgaaagctc	gagagagata	gatttgtaga	gagagactgg	tgatttcagc	gtgtcctctc
7381	caaatgaaat	gaacttcctt	atatagagga	aggtcttgcg	aaggatagtg	ggattgtgcg
7441	tcatccctta	cgtcagtgga	gatatcacat	caatccactt	gctttgaaga	cgtggttgga
7501	acgtcttctt	tttccacgat	gctcctcgtg	ggtgggggtc	catctttggg	accactgtcg
7561	gcagaggcat	cttgaacgat	agcctttcct	ttatcgcaat	gatggcattt	gtaggtgcca
7621	ccttccttt	ctactgtcct	tttgatgaag	tgacagatag	ctgggcaatg	gaatccgagg
7681	aggtttcccg	atattaccct	ttgttgaaaa	gtctcaatag	ccctttggtc	ttctgagact
7741	gtatctttga	tattcttgga	gtagacgaga	gtgtcgtgct	ccaccatgtt	atcacatcaa
7801	tccacttgct	ttgaagacgt	ggttggaacg	tcttctttt	ccacgatgct	cctcgtgggt
7861	gggggtccat	ctttgggacc	actgtcggca	gaggcatctt	gaacgatagc	ctttccttta
7921	tcgcaatgat	ggcatttgta	ggtgccacct	tccttttcta	ctgtccttt	gatgaagtga
7981	cagatagctg	ggcaatggaa	tccgaggagg	tttcccgata	ttacccttg	ttgaaaagtc
8041	tcaatagccc	tttggtcttc	tgagactgta	tctttgatat	tcttggagta	gacgagagtg
8101	tcgtgctcca	ccatgttggc	aagctgctct	agccaatacg	caaaccgcct	ctccccgcgc
8161	gttggccgat	tcattaatgc	agctggcacg	acaggtttcc	cgactggaaa	gcgggcagtg
8221	agcgcaacgc	aattaatgtg	agttagctca	ctcattaggc	accccaggct	ttacacttta
8281	tgcttccggc	tcgtatgttg	tgtggaattg	tgagcggata	acaatttcac	acaggaaaca
8341	gctatgacca	tgattacgaa	ttcccatgga	gtcaaagatt	caaatagagg	acctaacaga
8401	actcgccgta	aagactggcg	aacagttcat	acagagtctc	ttacgactca	atgacaagaa
8461	gaaaatcttc	gtcaacatgg	tggagcacga	cacacttgtc	tactccaaaa	atatcaaaga
8521	tacagtctca	gaagaccaaa	gggcaattga	gacttttcaa	caaagggtaa	tatccggaaa
8581	cctcctcgga	ttccattgcc	cagctatctg	tcactttatt	gtgaagatag	tggaaaagga
8641	aggtggctcc	tacaaatgcc	atcattgcga	taaaggaaag	gccatcgttg	aagatgcctc
8701	tgccgacagt	ggtcccaaag	atggaccccc	acccacgagg	agcatcgtgg	aaaaagaaga
8761	cgttccaacc	acgtcttcaa	agcaagtgga	ttgatgtgat	atctccactg	acgtaaggga
8821	tgacgcacaa	tcccactatc	cttcgcaaga	cccttcctct	atataaggaa	gttcatttca

	8881	tttggagagg	acagggtacc	atggcgaagg	cagataagaa	accagcggag	aagaaaccgg
	8941	cagagaaaac	tccggcagcc	gaaccagcag	cagcggcaga	gaagaaacca	aaagccggaa
	9001	agaaactccc	gaaggaacca	gccggcgccg	gagacaagaa	gaagaagaga	tcaaagaaga
	9061	acgttgagac	atacaagatc	tacatcttca	aggtgttgaa	gcaagttcat	ccagatatcg
	9121	gaatctccag	caaagccatg	ggaatcatga	acagtttcat	caatgatatc	tttgagaaac
	9181	ttgctggtga	gtcttcgaag	cttgcgaggt	acaacaagaa	gccgacgatt	acttctaggg
	9241	agattcagac	tgcggtgaga	cttgtgttgc	ctggagagtt	ggcgaaacat	gctgtttctg
	9301	aagggactaa	ggcggttacg	aagtttacga	gttctggatc	catggtgagc	aagggcgagg
	9361	aggataacat	ggccatcatc	aaggagttca	tgcgcttcaa	ggtgcacatg	gagggctccg
	9421	tgaacggcca	cgagttcgag	atcgagggcg	agggcgaggg	ccgcccctac	gagggcaccc
	9481	agaccgccaa	gctgaaggtg	accaagggtg	gcccccctgcc	cttcgcctgg	gacatcctgt
	9541	cccctcagtt	catgtacggc	tccaaggcct	acgtgaagca	ccccgccgac	atccccgact
	9601	acttgaagct	gtccttcccc	gagggcttca	agtgggagcg	cgtgatgaac	ttcgaggacg
	9661	gcggcgtggt	gaccgtgacc	caggactcct	ccctgcagga	cggcgagttc	atctacaagg
	9721	tgaagctgcg	cggcaccaac	ttcccctccg	acggccccgt	aatgcagaag	aagaccatgg
	9781	gctgggaggc	ctcctccgag	cggatgtacc	ccgaggacgg	cgccctgaag	ggcgagatca
	9841	agcagaggct	gaagctgaag	gacggcggcc	actacgacgc	tgaggtcaag	accacctaca
	9901	aggccaagaa	gcccgtgcag	ctgcccggcg	cctacaacgt	caacatcaag	ttggacatca
	9961	cctcccacaa	cgaggactac	accatcgtgg	aacagtacga	acgcgccgag	ggccgccact
	10021	ccaccggcgg	catggacgag	ctgtacaagt	aatctagagt	cgacctgcag	gcatgccctg
	10081	ctttaatgag	atatgcgaga	cgcctatgat	cgcatgatat	ttgctttcaa	ttctgttgtg
	10141	cacgttgtaa	aaaacctgag	catgtgtagc	tcagatcctt	accgccggtt	tcggttcatt
	10201	ctaatgaata	tatcacccgt	tactatcgta	tttttatgaa	taatattctc	cgttcaattt
	10261	actgattgtc	caagcttggc	actggccgtc	gttttacaac	gtcgtgactg	ggaaaaccct
	10321	ggcgttaccc	aacttaatcg	ccttgcagca	catccccctt	tcgccagctg	gcgtaatagc
	10381	gaagaggccc	gcaccgatcg	cccttcccaa	cagttgcgca	gcctgaatgg	cgaatgctag
	10441	agcagcttga	gcttggatca	gattgtcgtt	tcccgccttc	agtttaaact	atcagtgttt
	10501	gacaggatat	attggcgggt	aaacctaaga	gaaaagagcg	tttattagaa	taatcggata
	10561	tttaaaaggg	cgtgaaaagg	tttatccgtt	cgtccatttg	tatgtg	
测序结果	本批次（047041lyc）测序序列与上述序列完全一致。						
关联产品	pDSG398 质粒 DNA						

20261104qjy