LOCUS CZP56\pCS2+z\_dnd1 5331 bp DNA circular 11-DEC-2023

SOURCE

ORGANISM

COMMENT This file is created by Vector NTI

http://www.invitrogen.com/

COMMENT ORIGDB|GenBank

COMMENT VNTDATE|-15222273|

COMMENT VNTDBDATE|-15222273|

COMMENT LSOWNER|

COMMENT VNTNAME|CZP56 pCS2+z\_dnd1|

COMMENT VNTAUTHORNAME|Xiaosi Wang|

COMMENT VNTAUTHOREML|wangxiaosi90@outlook.com|

COMMENT VNTOAUTHORNAME|Wei Changyong|

COMMENT VNTOAUTHOREML|changyongwei@mail.google.com|

FEATURES Location/Qualifiers

CDS 4346..5203

/vntifkey="4"

/label=ampR

promoter 530..1516

/vntifkey="29"

/label=CMV\IE94\enhancer/promoter

/note="Unknown feature type:frag simian CMV IE94 enhancer/promoter"

rep\_origin 1..461

/vntifkey="33"

/label=F1\Ori

/note="Unknown feature type:frag f1 ori"

primer\_bind complement(3178..3193)

/vntifkey="28"

/label=M13-

/note="Unknown feature type:frag M13 reverse primer binding site"

promoter complement(3145..3161)

/vntifkey="30"

/label=T3\promoter

/note="Unknown feature type:frag T3 promoter (reverse orientation)"

5'UTR 1580..1594

/vntifkey="52"

/label=B-globin\5'\mRNA\sequence

/note="Unknown feature type:frag B-globin 5' mRNA sequence"

promoter 1551..1567

/vntifkey="30"

/label=SP6\promoter

/note="Unknown feature type:frag SP6 promoter"

mRNA 1517..1517

/vntifkey="54"

/label=cap\site\for\sCMV\IE94\promoter

/note="base1 = cap site for sCMV IE94 promoter"

polyA\_signal 2896..3091

/vntifkey="25"

/label=SV40\polyA

promoter complement(2873..2891)

/vntifkey="30"

/label=T7\promoter

misc\_feature 1604..2836

/vntifkey="21"

/label=z\_dnd1

misc\_feature 1604..1711

/vntifkey="21"

/label=N-terminal

loci 1679..1681

/vntifkey="18"

/label=W27

misc\_feature 1775..2008

/vntifkey="21"

/label=RRM1

misc\_feature 2012..2260

/vntifkey="21"

/label=RRM2

misc\_feature 2570..2809

/vntifkey="21"

/label=DSRM

misc\_feature 1904..1906

/vntifkey="21"

/label=F102

/note="F102A"

misc\_feature 1910..1912

/vntifkey="21"

/label=Y104

/note="Y104A"

BASE COUNT 1315 a 1364 c 1333 g 1319 t

ORIGIN

1 ctaaattgta agcgttaata ttttgttaaa attcgcgtta aatttttgtt aaatcagctc

61 attttttaac caataggccg aaatcggcaa aatcccttat aaatcaaaag aatagaccga

121 gatagggttg agtgttgttc cagtttggaa caagagtcca ctattaaaga acgtggactc

181 caacgtcaaa gggcgaaaaa ccgtctatca gggcgatggc ccactacgtg aaccatcacc

241 ctaatcaagt tttttggggt cgaggtgccg taaagcacta aatcggaacc ctaaagggag

301 cccccgattt agagcttgac ggggaaagcc ggcgaacgtg gcgagaaagg aagggaagaa

361 agcgaaagga gcgggcgcta gggcgctggc aagtgtagcg gtcacgctgc gcgtaaccac

421 cacacccgcc gcgcttaatg cgccgctaca gggcgcgtcc cattcgccat tcaggctgcg

481 caactgttgg gaagggcgat cggtgcgggc ctcttcgcta ttacgccagt cgaccatagc

541 caattcaata tggcgtatat ggactcatgc caattcaata tggtggatct ggacctgtgc

601 caattcaata tggcgtatat ggactcgtgc caattcaata tggtggatct ggaccccagc

661 caattcaata tggcggactt ggcaccatgc caattcaata tggcggactt ggcactgtgc

721 caactgggga ggggtctact tggcacggtg ccaagtttga ggaggggtct tggccctgtg

781 ccaagtccgc catattgaat tggcatggtg ccaataatgg cggccatatt ggctatatgc

841 caggatcaat atataggcaa tatccaatat ggccctatgc caatatggct attggccagg

901 ttcaatacta tgtattggcc ctatgccata tagtattcca tatatgggtt ttcctattga

961 cgtagatagc ccctcccaat gggcggtccc atataccata tatggggctt cctaataccg

1021 cccatagcca ctcccccatt gacgtcaatg gtctctatat atggtctttc ctattgacgt

1081 catatgggcg gtcctattga cgtatatggc gcctccccca ttgacgtcaa ttacggtaaa

1141 tggcccgcct ggctcaatgc ccattgacgt caataggacc acccaccatt gacgtcaatg

1201 ggatggctca ttgcccattc atatccgttc tcacgccccc tattgacgtc aatgacggta

1261 aatggcccac ttggcagtac atcaatatct attaatagta acttggcaag tacattacta

1321 ttggaaggac gccagggtac attggcagta ctcccattga cgtcaatggc ggtaaatggc

1381 ccgcgatggc tgccaagtac atccccattg acgtcaatgg ggaggggcaa tgacgcaaat

1441 gggcgttcca ttgacgtaaa tgggcggtag gcgtgcctaa tgggaggtct atataagcaa

1501 tgctcgttta gggaaccgcc attctgcctg gggacgtcgg agcaagcttg atttaggtga

1561 cactatagaa tacaagctac ttgttctttt tgcaggatcc atggtcggag acatggatgc

1621 ccagcagcag gagcttcagc agattctgaa cccgcagaaa ctcaagtctc tgcaggaatg

1681 gatgcagagg aactccatca ctttaaccca agtcaatggg cagaggaaat atggtggtcc

1741 tcctccaggt tggcagggtc ctgctcctgg ttcgggctgt gaggttttca tcagtcagat

1801 cccgaacgac gtgtacgagg accgcctgat ccctctcttc cagagcatcg gcaccattta

1861 cgagtttcgc ctcatgatga acttcagcgg gcagacccgg ggcttcgcct atgctaagta

1921 cggtgaccct cttacagcct cggctgccgt caccacgctg catcagtacc ggctgccgga

1981 ggggggctgc ctgaccgtgc gcaggagcac cgagaagcgc cagctgcgtt tgggggatct

2041 gcccgtcagc atgaatgaat cgaagctgct gatggtgctc cagatgctct ctgacggtgt

2101 agaggacgtc ctgctcaagc caccggggcc caaagggaaa gaggttgtgg ctctagtcaa

2161 ctacacgtcc cattacgccg catccatggc taagaaagtg ctcgtggaag cttttcggaa

2221 ccggtacggc atttccatca ccgtcagatg gacttccttc tccaagtcca agcgcgtcga

2281 ggacactccc caggaagaca gctgcgtaac cccacttgtt ctgaagccgc tttctaaacc

2341 atcactcctg cattatgacg tcccagctca ccagtctctg cttcctctct tccgggctgt

2401 tgggggtccg accaccagtg agcagagaga tgagatgatt cctcaaccca ccataatgtc

2461 aagaaatgag ctgattcctc aatcgtccat aaggcagaga gatgagatgg ttcctcagct

2521 ccccataagg ccgagagatg ggatggctcc ccaatccccc attagtctcg acgccgtgtc

2581 tcatctgcag tggatgtgcg aggtcaacag actcggctct ccgcaatatg aagtccactt

2641 ccatcacgcg gctcctgacg gattcctcta cttcgccttc aaagtgctga tcccaggcct

2701 gccgctgccc ctgtatgggt tcgtccagat cctgccaggc accagcgcac gagccatgaa

2761 gagtgaagtt taccgggccg ccgctgagca ggtgatccaa accttgtgcc gagtctcaaa

2821 tttacggcct ttctaaatcg attcgaattc aaggcctctc gagcctctag accctatagt

2881 gagtcgtatt acgtagatcc agacatgata agatacattg atgagtttgg acaaaccaca

2941 actagaatgc agtgaaaaaa atgctttatt tgtgaaattt gtgatgctat tgctttattt

3001 gtaaccatta taagctgcaa taaacaagtt aacaacaaca attgcattca ttttatgttt

3061 caggttcagg gggaggtgtg ggaggttttt taattcgcgg ccgcggcgcc aatgcattgg

3121 gcccggtacc cagcttttgt tccctttagt gagggttaat tgcgcgcttg gcgtaatcat

3181 ggtcatagct gtttcctgtg tgaaattgtt atccgctcac aattccacac aacatacgag

3241 ccggaagcat aaagtgtaaa gcctggggtg cctaatgagt gagctaactc acattaattg

3301 cgttgcgctc actgcccgct ttccagtcgg gaaacctgtc gtgccagctg cattaatgaa

3361 tcggccaacg cgcggggaga ggcggtttgc gtattgggcg ctcttccgct tcctcgctca

3421 ctgactcgct gcgctcggtc gttcggctgc ggcgagcggt atcagctcac tcaaaggcgg

3481 taatacggtt atccacagaa tcaggggata acgcaggaaa gaacatgtga gcaaaaggcc

3541 agcaaaaggc caggaaccgt aaaaaggccg cgttgctggc gtttttccat aggctccgcc

3601 cccctgacga gcatcacaaa aatcgacgct caagtcagag gtggcgaaac ccgacaggac

3661 tataaagata ccaggcgttt ccccctggaa gctccctcgt gcgctctcct gttccgaccc

3721 tgccgcttac cggatacctg tccgcctttc tcccttcggg aagcgtggcg ctttctcata

3781 gctcacgctg taggtatctc agttcggtgt aggtcgttcg ctccaagctg ggctgtgtgc

3841 acgaaccccc cgttcagccc gaccgctgcg ccttatccgg taactatcgt cttgagtcca

3901 acccggtaag acacgactta tcgccactgg cagcagccac tggtaacagg attagcagag

3961 cgaggtatgt aggcggtgct acagagttct tgaagtggtg gcctaactac ggctacacta

4021 gaaggacagt atttggtatc tgcgctctgc tgaagccagt taccttcgga aaaagagttg

4081 gtagctcttg atccggcaaa caaaccaccg ctggtagcgg tggttttttt gtttgcaagc

4141 agcagattac gcgcagaaaa aaaggatctc aagaagatcc tttgatcttt tctacggggt

4201 ctgacgctca gtggaacgaa aactcacgtt aagggatttt ggtcatgaga ttatcaaaaa

4261 ggatcttcac ctagatcctt ttaaattaaa aatgaagttt taaatcaatc taaagtatat

4321 atgagtaaac ttggtctgac agttaccaat gcttaatcag tgaggcacct atctcagcga

4381 tctgtctatt tcgttcatcc atagttgcct gactccccgt cgtgtagata actacgatac

4441 gggagggctt accatctggc cccagtgctg caatgatacc gcgagaccca cgctcaccgg

4501 ctccagattt atcagcaata aaccagccag ccggaagggc cgagcgcaga agtggtcctg

4561 caactttatc cgcctccatc cagtctatta attgttgccg ggaagctaga gtaagtagtt

4621 cgccagttaa tagtttgcgc aacgttgttg ccattgctac aggcatcgtg gtgtcacgct

4681 cgtcgtttgg tatggcttca ttcagctccg gttcccaacg atcaaggcga gttacatgat

4741 cccccatgtt gtgcaaaaaa gcggttagct ccttcggtcc tccgatcgtt gtcagaagta

4801 agttggccgc agtgttatca ctcatggtta tggcagcact gcataattct cttactgtca

4861 tgccatccgt aagatgcttt tctgtgactg gtgagtactc aaccaagtca ttctgagaat

4921 agtgtatgcg gcgaccgagt tgctcttgcc cggcgtcaat acgggataat accgcgccac

4981 atagcagaac tttaaaagtg ctcatcattg gaaaacgttc ttcggggcga aaactctcaa

5041 ggatcttacc gctgttgaga tccagttcga tgtaacccac tcgtgcaccc aactgatctt

5101 cagcatcttt tactttcacc agcgtttctg ggtgagcaaa aacaggaagg caaaatgccg

5161 caaaaaaggg aataagggcg acacggaaat gttgaatact catactcttc ctttttcaat

5221 attattgaag catttatcag ggttattgtc tcatgagcgg atacatattt gaatgtattt

5281 agaaaaataa acaaataggg gttccgcgca catttccccg aaaagtgcca c

//