



LOCUS Exported 4396 bp ds-DNA circular SYN 29-NOV-2013

DEFINITION Gateway(R) library vector for cloning and transient mammalian cell expression of cDNAs. See pCMV SPORT6.1 for a newer version of this vector.

ACCESSION .

VERSION .

KEYWORDS pCMV SPORT6

SOURCE synthetic DNA construct

ORGANISM synthetic DNA construct

REFERENCE 1 (bases 1 to 4396)

AUTHORS Invitrogen (Life Technologies)

TITLE Direct Submission

JOURNAL Exported Wednesday, Feb 17, 2016 from SnapGene 3.0.3 <http://www.snapgene.com>

COMMENT cDNAs are typically cloned between the NotI and SalI sites.

FEATURES Location/Qualifiers

source 1..4396

```

/organism="synthetic DNA construct"
/lab_host="Mammalian Cells"
/mol_type="other DNA"
promoter 16..34
/note="T7 promoter"
protein_bind 36..60
/note="promoter for bacteriophage T7 RNA polymerase"
/gene="mutant version of attB"
/bound_moiety="BP Clonase(TM) "
/note="attB2"
/note="recombination site for the Gateway(R) BP
reaction"
protein_bind complement(153..177)
/gene="mutant version of attB"
/bound_moiety="BP Clonase(TM) "
/note="attB1"
/note="recombination site for the Gateway(R) BP
reaction"
promoter complement(178..196)
/note="SP6 promoter"
/note="promoter for bacteriophage SP6 RNA
polymerase"
primer_bind complement(207..223)
/note="M13 rev"
/note="common sequencing primer, one of multiple
similar
variants"
promoter complement(349..552)
/note="CMV promoter"
/note="human cytomegalovirus (CMV) immediate early
enhancer 553..856
/note="CMV enhancer"
/note="human cytomegalovirus immediate early
enhancer"
rep_origin complement(1316..1904)
/direction=LEFT
/note="ori"
/note="high-copy-number ColE1/pMB1/pBR322/pUC origin
of
protein_bind replication"
1982..2015
/bound_moiety="Cre recombinase"
/note="loxP"
/note="Cre-mediated recombination occurs in the 8-bp
core
sequence (GCATACAT)."
CDS complement(2117..2977)
/codon_start=1
/gene="bla"
/product="beta-lactamase"
/note="AmpR"
/note="confers resistance to ampicillin,
carbenicillin, and

```

related antibiotics"

```
/translation="MSIQHFRVALIPFFAAAFCLPVFAHPETLVKVKDAEDQLGARVGYI
ELDLNSGKILESFRPEERFPMMSSTFKVLLCGAVLSRIDAGQEQLGRRIHYSQNDLVEYS
PVTEKHLTDGMTVRELCSAAITMSDNTAANLLLTIGGPKELTAF LHNMGDHSVTRLDRW
EPELNEAIPNDERDITMPVAMATTLRKLITGELLTLASRQQLIDWMEADKVAGPLLRSA
LPAGWFIADKSGAGERGSRGIIAALGPDGKPSRIVVIYTTGSQATMDERNRQIAEIGAS
LIKHW"
```

```
rep_origin      complement(3265..3720)
                 /direction=LEFT
                 /note="f1 ori"
                 /note="f1 bacteriophage origin of replication; arrow
                 indicates direction of (+) strand synthesis"
polyA_signal    3846..3980
                 /note="SV40 poly(A) signal"
                 /note="SV40 polyadenylation signal"
primer_bind     4385..5
                 /note="M13 fwd"
                 /note="common sequencing primer, one of multiple
```

similar

variants"

ORIGIN

```
1 ccagtgccta gcttataata cgactcacta tagggaccac tttgtacaag
aaagctgggt
61 acgcgtaagc ttgggccctt cgagggatac tctagagcgg ccgccgacta
gtgagctcgt
121 cgacgatatc ccgggaattc cggaccgcta ccagcctgct tttttgtaca
aactgtttct
181 atagtgtcac ctaaataaggc ctaatggtca tagctgtttc ctgtgtgaaa
ttgttatccg
241 ctccgcggcc taggctagag tccggaggct ggatcggctc cgggtgtctt
tatggaggtc
301 aaaacagcgt ggatggcgct tccaggcgat ctgacggttc actaaacgag
ctctgcttat
361 atagacctcc caccgtacac gcctaccgcc catttgcgctc aatggggcgg
agttgttacg
421 acatthttgga aagtcccgtt gattttggtg caaaacaaa ctcccattga
cgtcaatggg
481 gtggagactt ggaaatcccc gtgagtcaaa ccgctatcca cgcccattga
tgtactgcca
541 aaaccgcatc accatggtaa tagcgatgac taatacgtag atgtactgcc
aagtaggaaa
601 gtcccataag gtcattgtact gggcataatg ccaggcgggc catttaccgt
cattgacgct
661 aatagggggc gtacttggca tatgatacac ttgatgtact gccaaagtggg
cagtttaccg
721 taaatactcc acccattgac gtcaatggaa agtccctatt ggcgttacta
tggaacata
781 cgtcattatt gacgtcaatg ggcgggggct gttggggcggc cagccaggcg
ggccatttac
```

841 cgtaagttat gtaacgacat gcatctaatag agtgaaaggg cctcgtacta
cgcctatfff
901 tatagggttaa tgtcatgata ataatggfff cttagacgfc aggtggcact
tttcggggaa
961 atgtgfcgfcg aaccctatt tgtttatfff tctaaataca ttcaaatag
tatccgctca
1021 tgagacaata accctgataa atgcttcaat aatattgaaa aacgfcgcaa
ttgcaagctc
1081 tgcattaatg aatcggccaa cgcfcgfcgga gagfcggttt gcgtattggg
cgctcttccg
1141 cttctcfcgct cactgactfcg ctgfcgctfcg tcfctcfcgct gcfcgfcgfcg
gtatcagctc
1201 actcaaagfc ggtaatacfcg ttatccacag aatcagfcgga taacfcgagga
aagaacatgt
1261 gagcaaaaag ccagcaaaaag gccaggaacc gtaaaaagfc cfcggttgctg
gcgtttttcc
1321 ataggctccg cccctcfcgac gagcatcaca aaaatcfcgac ctcaagtcag
aggtggfcgaa
1381 acccfcgacag actataaaga taccagfcgct tccccctfcg aagctccctc
gtgfcgctctc
1441 ctgctccfcgac cctgcccfcgt accfcgatacc tgtcccfcctt tctcccctfcg
ggaagfcgtgg
1501 cfcgtttctca atgctcacfgc tgtaggtatc tcafctcfcggt gtaggtcfcgt
cfcgtccaagc
1561 tgggctgtgt gcacgaacc cccgttcagc cfcgaccfcgfc cfccttatcc
ggtaactatc
1621 gtcttgagtc caaccfcgga agacacfgcact tatcfcgact ggcagfcgacc
actggtaaca
1681 ggattagfcag agfcgaggtat gtaggcfcggt ctacagagtt cttgaagtcg
tggcctaact
1741 acgfcgtacac tagaagfcga gtatttggtat tctgfcgctct gctgaagcca
gttacctfcg
1801 gaaaaagagtc tggtagctct tgatccfcgca aacaaaccac cfcgtggtagc
ggtggttfff
1861 ttgtttgcaa gcagfcgatt acfcgfcgaa aaaaagfcctc tcaagaagat
cctttgatct
1921 tttctacfgg gtctgacfct cafctggaacf aaaaactcaf ttaagfcgatt
ttggtcafgc
1981 cataactfcg tatagcatac attatacfcga gttatgfcct gagattatca
aaaagfcctc
2041 tcacctagat ctttttaaat taaaaatgaa gttttaaatc aatctaaagtc
atatatgagtc
2101 aaacttggtc tgacfagttac caatgcttaa tcafctgagfc acctatctca
gcgatctgfc
2161 tatttcfcgttc atccatagtt gcctgactcc cfcgtcfcgta gataactacf
atacgggagfc
2221 gcttaccatc tggccccagtc gctgcaatga taccfcgagaa cccacfctca
ccgfcctccag
2281 atttatcafgc aataaaccag ccagcccfcga gggccfcgfcg cagaagtcggt
cctgcaactt
2341 tatccfcctc catccagtcct attaatgctt gccgfcgagc tagagtaagtc
agttcfcgag
2401 ttaatagctt gcgcaacfctt gttgcccattg ctacagfcct cfcgtggtgctca
cfcgtcfcgct

2461 ttggtatggc ttcattcagc tccggttccc aacgatcaag gcgagttaca
tgatccccc
2521 tgttggtgcaa aaaagcgggt agctccttcg gtcctccgat cgttgtcaga
agtaagttgg
2581 ccgcagtgtt atcactcatg gttatggcag cactgcataa ttctcttact
gtcatgccat
2641 ccgtaagatg cttttctgtg actggtgagt actcaaccaa gtcattctga
gaatagtgt
2701 tgcggcgacc gagttgctct tgcccggcgt caatacggga taataccgcg
ccacatagca
2761 gaactttaa agtgctcatc attggaaaac gttcttcggg gcgaaaactc
tcaaggatct
2821 taccgctgtt gagatccagt tcgatgtaac cactcgtgc acccaactga
tcttcagcat
2881 cttttacttt caccagcgtt tctgggtgag caaaaacagg aaggcaaaat
gccgcaaaaa
2941 aggggaataag ggcgacacgg aatggtgaa tactcatact cttccttttt
caatattatt
3001 gaagcattta tcagggttat tgtctcatgc caggggtggg cacacatatt
tgataccagc
3061 gatccctaca cagcacataa ttcaatgcga cttccctcta tcgcacatct
tagaccttta
3121 ttctccctcc agcacacatc gaagctgccg agcaagccgt tctcaccagt
ccaagacctg
3181 gcatgagcgg atacatattt gaatgtattt agaaaaataa acaaataggg
gtccgcgca
3241 catttccccg aaaagtgcc actgaaattg taaacgttaa tattttgtta
aaattcgcgt
3301 taaatTTTTg taaatcagc tcatttttta accaataggc cgaaatcggc
aaaatccctt
3361 ataaatcaaa agaatagacc gagatagggt tgagtgttgt tccagtttgg
aacaagagtc
3421 cactattaaa gaacgtggac tccaacgtca aagggcgaaa aaccgtctat
cagggcgatg
3481 gccactacg tgaacatca ccctaatcaa gttttttggg gtcgaggtgc
cgtaaagcac
3541 taaatcggaa ccctaaaggg agccccgat ttagagcttg acggggaaaag
ccggcgaacg
3601 tggcgagaaa ggaaggaag aaagcgaag gagcgggagc tagggcgctg
gcaagtgtag
3661 cggtcacgct gcgcgtaacc accacaccg ccgcgcttaa tgcgccgcta
cagggcgctg
3721 cccattcgcc attcaggctg cgcaactgtt ggaagggcg atcggtgagg
gcctcttcgc
3781 tattacgcca gccaatagc aaaccgcctc tccccgcggg ttggccgatt
cattaatgca
3841 ggatcgatcc agacatgata agatacattg atgagtttgg acaaaccaca
actagaatgc
3901 agtgaaaaaa atgctttatt tgtgaaattt gtgatgctat tgctttattt
gtaaccatta
3961 taagctgcaa taaacaagtt aacaacaaca attgcattca ttttatgttt
caggttcagg
4021 gggagggtgtg ggaggTTTT taaagcaagt aaaacctcta caaatgtggg
atggctgatt

```
4081 atgatcatga acagactgtg aggactgagg ggcctgaaat gagccttggg
actgtgaatc
4141 taaaatacac aaacaattag aatcactagc tcctgtgtat aatattttca
taaatacatc
4201 tcagtaagca aaactctcaa gcagcaagca tatgcagcta gtttaacaca
ttatacactt
4261 aaaaatttta tatttacctt agagctttaa atctctgtag gtagtttgtc
caattatgtc
4321 acaccacaga agtaaggttc cttcacaaag atcccaagct agcagttttc
ccagtcacga
4381 cgttgtaaaa cgacgg
//
```