



LOCUS Exported 4807 bp ds-DNA circular SYN 17-
 FEB-2016
 DEFINITION Vector for low-background cloning and transient mammalian
 cell
 expression of cDNAs.
 ACCESSION .
 VERSION .
 KEYWORDS pCMV SPORT6ccdB
 SOURCE synthetic DNA construct
 ORGANISM synthetic DNA construct
 REFERENCE 1 (bases 1 to 4807)
 AUTHORS I.M.A.G.E. Consortium
 TITLE Direct Submission
 JOURNAL Exported Wednesday, Feb 17, 2016 from SnapGene 3.0.3
<http://www.snapgene.com>
 FEATURES Location/Qualifiers
 source 1..4807
 /organism="synthetic DNA construct"
 /lab_host="Mammalian Cells"
 /mol_type="other DNA"
 primer_bind 664..680
 /note="M13 fwd"
 /note="common sequencing primer, one of multiple
 similar variants"

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promoter          691..709
                  /note="T7 promoter"
                  /note="promoter for bacteriophage T7 RNA polymerase"
protein_bind      711..735
                  /gene="mutant version of attB"
                  /bound_moiety="BP clonase(TM) "
                  /note="attB2"
                  /note="recombination site for the Gateway(R) BP
reaction"
  CDS              899..1204
                  /codon_start=1
                  /gene="ccdB"
                  /product="CcdB, a bacterial toxin that poisons DNA
gyrase"
                  /note="ccdB"
                  /note="Plasmids containing the ccdB gene cannot be
                  propagated in standard E. coli strains."

/translation="MQFKVYTYKRESRYRLFVDVQSDIIDTPGRRMVIPLASARLLSDK
VSRELYPVVHIGDESWRMMTTDMASVPVSVIGEEVADLSHRENDIKNAINLMFWGI"
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  promoter         complement(1264..1282)
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                  /note="promoter for bacteriophage SP6 RNA
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  primer_bind      complement(1293..1309)
                  /note="M13 rev"
                  /note="common sequencing primer, one of multiple
similar
  variants"
  promoter         complement(1435..1638)
                  /note="CMV promoter"
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                  promoter"
  enhancer         1639..1942
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  rep_origin       complement(2402..2990)
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                  /note="high-copy-number ColE1/pMB1/pBR322/pUC origin
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                  /bound_moiety="Cre recombinase"
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related antibiotics"

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LIKHW"
rep_origin complement (4351..4806)
/direction=LEFT
/note="f1 ori"
/note="f1 bacteriophage origin of replication; arrow
indicates direction of (+) strand synthesis"

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