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LOCUS       Exported                               3375 bp ds-DNA   circular SYN 12-
DEC-2013
DEFINITION  synthetic circular DNA
ACCESSION   .
VERSION     .
KEYWORDS    pENTR223-1-LC
SOURCE      synthetic DNA construct
  ORGANISM  synthetic DNA construct
REFERENCE   1 (bases 1 to 3375)
  AUTHORS   Trial User
  TITLE     Direct Submission
  JOURNAL   Exported Monday, Feb 15, 2016 from SnapGene 3.0.3
            http://www.snapgene.com
FEATURES             Location/Qualifiers
     source           1..3375
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867..894
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rrnB                                    /note="transcription terminator T2 from the E. coli
gene"
terminator                             986..1072
/gene="Escherichia coli rrnB"
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similar                                 /note="common sequencing primer, one of multiple
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1169..1399
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reaction                                /note="recombination site for the Gateway(R) BP
CDS                                     (pDONR(TM)221 version)"
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gyrase"                                /product="CcdB, a bacterial toxin that poisons DNA
/note="ccdB"
/note="Plasmids containing the ccdB gene cannot be
propagated in standard E. coli strains."

/translation="MQFKVYTYKRESRYRLFVDVQSDIIDTPGRRMVIPLASARLLSDK
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CDS                                    complement(2442..3101)
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/note="confers resistance to chloramphenicol"

/translation="MEKKITGYTTVDISQWHRKEHFQVAFQSVQCTYNQTVQLDITAF
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promoter                               complement(3102..3204)
/note="cat promoter"

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/note="promoter of the E. coli cat gene"

ORIGIN

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