



```

LOCUS       Exported                               1815 bp ds-DNA   circular SYN 03-
MAR-2013
DEFINITION cDNA cloning vector with a Gateway(R) recombination cassette.
ACCESSION  .
VERSION    .
KEYWORDS   pOTB7
SOURCE     synthetic DNA construct
  ORGANISM synthetic DNA construct
REFERENCE  1 (bases 1 to 1815)
  AUTHORS  Berkeley Drosophila Genome Project
  TITLE    Direct Submission
  JOURNAL  Exported Wednesday, Feb 17, 2016 from SnapGene 3.0.3
           http://www.snapgene.com
FEATURES   Location/Qualifiers
     source          1..1815
                   /organism="synthetic DNA construct"
                   /lab_host="Escherichia coli"
                   /mol_type="other DNA"
     promoter        53..71
                   /note="SP6 promoter"
                   /note="promoter for bacteriophage SP6 RNA
polymerase"
     protein_bind    85..109
  
```

```

        /gene="mutant version of attB"
        /bound_moiety="BP Clonase(TM)"
        /note="attB1"
        /note="recombination site for the Gateway(R) BP
reaction"
    primer_bind    111..127
                   /note="M13 fwd"
                   /note="common sequencing primer, one of multiple
similar
                   variants"
    primer_bind    complement(236..252)
                   /note="M13 rev"
                   /note="common sequencing primer, one of multiple
similar
                   variants"
    protein_bind   253..277
                   /gene="mutant version of attB"
                   /bound_moiety="BP clonase(TM)"
                   /note="attB2"
                   /note="recombination site for the Gateway(R) BP
reaction"
    promoter       complement(293..311)
                   /note="T7 promoter"
                   /note="promoter for bacteriophage T7 RNA polymerase"
    rep_origin     415..1003
                   /direction=RIGHT
                   /note="ori"
                   /note="high-copy-number Cole1/pMB1/pBR322/pUC origin
of
    CDS            replication"
                   1144..1803
                   /codon_start=1
                   /gene="cat"
                   /product="chloramphenicol acetyltransferase"
                   /note="CmR"
                   /note="confers resistance to chloramphenicol"

/translation="MEKKITGYTTVDISQWHRKEHFQAFQSVQCTYNQTVQLDITAFLL
KTVKKNKHKFYPAFIHILARLMNAHPEFRMAMKDGELVIWDSVHPCYTVFHEQTETFSS
LWSEYHDDFRQFLHIYSQDVACYGENLAYFPKGFIEENMFFVSANPWVSFTSFDLNVANM
DNFFAPVFTMGKYTQGDKVLMLPLAIQVHHA VCDGFHVGRMLNELQQYCDEWQGGGA"
ORIGIN
    1 cgttagaacg cggctacaat taatacataa cttatgtat catacacata
cgatttaggt
    61 gacactatag aactcgaagg atccacaagt ttgtacaaaa aagcaggctt
gtaaaacgac
    121 ggccagtaac tataacggtc ctaaggtagc gaggcctggg tggcgaattc
ccttactagt
    181 ttccctcgag gcatttatgt cgggtgcgga gaaagaggta atgaaatggc
acatggtcat

```

```
241 agctgtttcc tgaccagct ttctgtaca aagtggtaga tctgccggtc
tccctatagt
301 gagtcgtatt aatttcgata agccaggta acctgcatta atgaatcggc
tgcagtaccc
361 ggaatttaa cccgcctaat gagcgggctt tttttgtga tccaaaggat
cttcttgaga
421 tcctttttt ctgctgtaa tctgctgctt gcaaacaaaa aaaccaccgc
taccagcggg
481 ggtttgtttg ccgatcaag agctaccaac tctttttccg aaggtaactg
gcttcagcag
541 agcgcagata ccaatactg ttcttctagt gtagccgtag ttaggccacc
acttcaagaa
601 ctctgtagca cgcctacat acctcgtctt gctaactctg ttaccagtgg
ctgctgccag
661 tggcgataag tcgtgtctta ccgggttggc ctcaagacga tagttaccgg
ataaggcgca
721 gcggtcgggc tgaacggggg gttcgtgcac acagcccagc ttggagcgaa
cgacctacac
781 cgaactgaga tacctacagc gtgagctatg agaaagcgcc acgcttcccg
aagggagaaa
841 ggcggacagc tatccgtaa gcggcagggt cggaacagga gagcgcacga
gggagcttcc
901 agggggaaac gcctggatc tttatagtcc tgtcggggtt cgccacctct
gacttgagcg
961 tcgatttttg tgatgctcgt caggggggcg gagcctatgg aaaaacgcca
gcaacgcgga
1021 tcacaacaaa aagcccgtc attaggcggg ctaaattctc atgtttgaca
gcttatcatc
1081 gataagctag cggccgctag ctttaatgag ttatcgagat tttcaggagc
taaggaagct
1141 aaaatggaga aaaaaatcac tggatatacc accgttgata tatcccaatg
gcatcgtaaa
1201 gaacattttg aggcatttca gtcagttgct caatgtacct ataaccagac
cgttcagctg
1261 gatattacgg cttttttaa gaccgtaaag aaaaataagc acaagtttta
tccggccttt
1321 attcacattc tgcccgcct gatgaatgct catccggagt tccgtatggc
aatgaaagac
1381 ggtgagctgg tgatatggga tagtggtcac ccttgttaca ccgttttcca
tgagcaaact
1441 gaaacgtttt catcgtctct gagtgaatac cacgacgatt tccggcagtt
tctacacata
1501 tattcgcaag atgtggcgtg ttacggtgaa aacctggcct atttccctaa
agggtttatt
1561 gagaatatgt ttttcgtctc agccaatccc tgggtgagtt tcaccagttt
tgatttaaac
1621 gtggccaata tggacaactt cttcgcccc gttttcacca tgggcaaata
ttatacgcaa
1681 ggcgacaagg tgctgatgcc gctggcgatt caggttcatc atgccgtttg
tgatggcttc
1741 catgctggca gaatgcttaa tgaattacaa cagtactgag atgagtggca
gggcggggcg
1801 taattggtac gtcga
```

//