



LOCUS Exported 2546 bp ds-DNA circular SYN 14-
 JAN-2016
 DEFINITION Entry vector for transferring a cloned attL-flanked gene to a destination vector in the Gateway(R) system.
 ACCESSION .
 VERSION .
 KEYWORDS pENTR221
 SOURCE synthetic DNA construct
 ORGANISM synthetic DNA construct
 REFERENCE 1 (bases 1 to 2546)
 AUTHORS Invitrogen (Life Technologies)
 TITLE Direct Submission
 JOURNAL Exported Thursday, Feb 11, 2016 from SnapGene 3.0.3
<http://www.snapgene.com>
 FEATURES Location/Qualifiers
 source 1..2546
 /organism="synthetic DNA construct"
 /lab_host="Escherichia coli"
 /mol_type="other DNA"
 terminator 268..295
 /note="rrnB T2 terminator"

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    gene"
    387..473
    /gene="Escherichia coli rrnB"
    /note="rrnB T1 terminator"
    /note="transcription terminator T1 from the E. coli"
rrnB
    primer_bind gene"
    537..553
    /note="M13 fwd"
    /note="common sequencing primer, one of multiple"
similar
    protein_bind variants"
    569..667
    /gene="mutant version of attL"
    /bound_moiety="LR Clonase(TM)"
    /note="attL1"
    /note="recombination site for the Gateway(R) LR"
reaction"
    misc_feature 668..670
    /note="ORF insertion site"
    protein_bind 671..770
    /gene="mutant version of attL"
    /bound_moiety="LR Clonase(TM)"
    /note="attL2"
    /note="recombination site for the Gateway(R) LR"
reaction"
    promoter complement(788..806)
    /note="T7 promoter"
    /note="promoter for bacteriophage T7 RNA polymerase"
    primer_bind complement(811..827)
    /note="M13 rev"
    /note="common sequencing primer, one of multiple"
similar
    CDS variants"
    940..1749
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    /gene="aph(3')-Ia"
    /product="aminoglycoside phosphotransferase"
    /note="KanR"
    /note="confers resistance to kanamycin in bacteria
or G418 (Geneticin(R)) in eukaryotes"

/translation="MSHIQRETSRPRLNNSMDADLYGYKWARDNVGQSGATIYRLYGKP
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of
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