

LOCUS pCMT-flp 5813 bp DNA linear 10-JUN-2015

DEFINITION conjugally transferable flp plasmid for unmarked mutagenesis

pCMT-flp, complete sequence.

ACCESSION Seq2

VERSION

KEYWORDS .

SOURCE conjugally transferable flp plasmid for unmarked mutagenesis

pCMT-flp

ORGANISM conjugally transferable flp plasmid for unmarked mutagenesis

pCMT-flp

Unclassified.

REFERENCE 1 (bases 1 to 5813)

AUTHORS Hossain,M.J., Thurlow,C.M., Sun,D., Nasrin,S. and Liles,M.R.

TITLE Conjugal Transfer of a Recombineering System to Generate and  
Complement Markerless Mutants

JOURNAL Unpublished

REFERENCE 2 (bases 1 to 5813)

AUTHORS Hossain,M.J., Thurlow,C.M., Sun,D., Nasrin,S. and Liles,M.R.

TITLE Direct Submission

JOURNAL Submitted (10-JUN-2015) Biological Sciences, Auburn University, 120

W Samford Avenue, Auburn, AL 36849, USA

COMMENT Bankit Comment: Vecscreen Comment:Submitter says that this sequence  
represents a Cloning Vector.

Bankit Comment: TAX: No, not new species/combinations; SEE

ATTACHMENT.

Bankit Comment: TOTAL # OF SEQS:2.

##Assembly-Data-START##

Assembly Method :: CLC Genomics Workbench v. 8.1

Sequencing Technology :: Illumina; Sanger dideoxy sequencing

##Assembly-Data-END##

FEATURES      Location/Qualifiers

source      1..5813

    /organism='conjugally transferable flp plasmid for

unmarked mutagenesis pCMT-flp'

    /mol\_type='genomic DNA'

    /lab\_host='Aeromonas hydrophila ML09-119 (pMJH97) and

Escherichia coli SM10lambdapir (pCMT-flp)'

    /note='extrachromosomal'

misc\_feature    90..144

    /note='oriT; origin of transfer sequence'

rep\_origin    complement(167..907)

    /note='oriR101'

gene      911..1861

    /gene='repA101'

CDS      911..1861

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    /transl\_table=11

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gene complement(2660..4249)

/gene='flp'

CDS complement(2660..4249)

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/note='Flp tagged with N-His6 SUMO'

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gene 4416..5606

/gene='tetA; tetracycline resistance'

CDS 4416..5606

/gene='tetA; tetracycline resistance'

/note='tetA gene of pACYC184 origin'

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ATST'

BASE COUNT 1537 a 1368 c 1297 g 1611 t

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