



LOCUS	Exported	7826 bp ds-DNA	circular SYN 30-
OCT-2020			
DEFINITION	synthetic circular DNA		
ACCESSION	.		
VERSION	.		
KEYWORDS	pZIP-mEF1a-Puromycin		
SOURCE	synthetic DNA construct		
ORGANISM	synthetic DNA construct		
REFERENCE	1 (bases 1 to 7826)		
AUTHORS	.		

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TITLE      Direct Submission
JOURNAL    Exported Friday, Oct 30, 2020 from SnapGene 5.1.7
           https://www.snapgene.com
FEATURES   Location/Qualifiers
   source   1..7826
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            /note="truncated 5' long terminal repeat (LTR) from
HIV-1"
   misc_feature 715..840
            /label=HIV-1 Psi
            /note="packaging signal of human immunodeficiency
virus
   misc_feature 1337..1570
            /label=RRE
            /note="The Rev response element (RRE) of HIV-1
allows for
            Rev-dependent mRNA export from the nucleus to the
            cytoplasm."
   misc_feature 2062..2177
            /label=cPPT/CTS
            /note="central polypurine tract and central
termination
   promoter 2219..3562
            /label=mEF-1-alpha promoter
            /note="strong constitutive promoter for mouse
elongation
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            /label=mEF-1-alpha intron
            /note="intron upstream of the start codon of mouse
            EF-1-alpha"
   CDS      3570..4172
            /codon_start=1
            /gene="pac from Streptomyces alboniger"
            /product="puromycin N-acetyltransferase"
            /label=PuroR
            /note="confers resistance to puromycin"

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An
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rep_origin complement(6074..6659)
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        /note="high-copy-number ColE1/pMB1/pBR322/pUC origin
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