



LOCUS	Exported	8065 bp ds-DNA	circular SYN 13-
JAN-2021			
DEFINITION	synthetic circular DNA		
ACCESSION	.		
VERSION	.		
KEYWORDS	pLMN-ZsGreen-Neomycin		
SOURCE	synthetic DNA construct		
ORGANISM	recombinant plasmid		
REFERENCE	1 (bases 1 to 8065)		
AUTHORS	Transomic		
TITLE	Direct Submission		
JOURNAL	Exported Wednesday, Jan 13, 2021 from SnapGene 5.2.4 https://www.snapgene.com		

FEATURES	Location/Qualifiers
source	1..8065 /organism="recombinant plasmid" /mol_type="other DNA"
LTR	1..515 /label=5' LTR
misc_signal	516..1403 /label=Psi+ /note="packaging signal"
misc_feature	1416..1510 /label=5'-UltramiR
misc_feature	1506..1543 /label=Illumina actual seq primer
misc_feature	1511..1622 /label=shRNA
gap	1544..1565 /estimated_length=22
gap	1585..1606 /estimated_length=22
misc_feature	1623..1737 /label=Ultramir3'
misc_feature	1626..1647 /label=For 5' for Pool qPCR /note="Twelve replicate reactions containing 825 ng
gDNA	
cycle	were amplified and each carried out to a different
was	number from 15-27. Each replicate reaction vessel
number of	placed on ice immediately after the designated
product	cycles completed to arrest the reaction. 10 µl of
serially	from each reaction was analyzed using agarose gel
An	electrophoresis. An aliquot of each product was
served as	diluted 25 000-, 100 000- and 400 000-fold in water.
using	aliquot from each dilution of each PCR replicate
common	template for SYBR qPCR reactions that were prepared
of 127	Absolute Blue qPCR SYBR Green master mix (Thermo Scientific, Epsom, UK) and primers that amplify
	sequence of the shRNA barcode PCR products
	(For-5?caaggggctacttttaggagcaa, Rev-
	5?aatttataaccatttttaattcagctttg), generating a product
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promoter	1748..2256 /label=PGK
misc_feature	2270..3073 /label=Neo

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LTR                4488..4971
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of

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replication"
misc_feature       6271..7131
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