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LOCUS       Exported                               11379 bp ds-DNA   circular SYN 18-
DEC-2020
DEFINITION  synthetic circular DNA
ACCESSION   .
VERSION     .
KEYWORDS    pINT-dCas9-KRAB-EFS-ZsGreen
SOURCE      synthetic DNA construct
  ORGANISM  synthetic DNA construct
REFERENCE   1 (bases 1 to 11379)
  AUTHORS   Transomic
  TITLE     Direct Submission
  JOURNAL   Exported Friday, Dec 18, 2020 from SnapGene 5.2.4
            https://www.snapgene.com
FEATURES             Location/Qualifiers
     source           1..11379
                     /organism="synthetic DNA construct"
    
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        /mol_type="other DNA"
promoter      6..232
              /label=RSV promoter
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LTR          233..413
              /label=5' LTR (truncated)
              /note="truncated 5' long terminal repeat (LTR) from
HIV-1"
misc_feature 460..585
              /label=HIV-1 Psi
              /note="packaging signal of human immunodeficiency
virus
misc_feature type 1"
              1078..1311
              /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 1818..1933
              /label=cPPT/CTS
              /note="central polypurine tract and central
termination
              sequence of HIV-1 (lacking the first T)"
promoter     1984..2195
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              /note="core promoter for human elongation factor
              EF-1-alpha"
regulatory   2202..2211
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              /label=Kozak sequence
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initiation
              of translation (Kozak, 1987)"
CDS         2214..2234
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            /label=dCas9  
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ZNF10                (Margolin et al., 1994)"
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                        regulatory element"
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      LTR          8120..8353
                        /label=3' LTR (Delta-U3)
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(LTR) from /note="self-inactivating 3' long terminal repeat
polyA_signal HIV-1"
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            /label=SV40 poly(A) signal
            /note="SV40 polyadenylation signal"
rep_origin  8586..8721
            /label=SV40 ori
            /note="SV40 origin of replication"
rep_origin  complement(9156..9744)
            /direction=LEFT
            /label=ori
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of
CDS        replication"
            complement(9915..10775)
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carbenicillin, and
            related antibiotics"

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LIKHW"
promoter   complement(10776..10880)
            /gene="bla"
            /label=AmpR promoter

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