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    /note="packaging signal of human immunodeficiency
virus
    type 1"
    misc_feature 1337..1570
    /label=RRE
    /note="The Rev response element (RRE) of HIV-1
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    Rev-dependent mRNA export from the nucleus to the
    cytoplasm."
    misc_feature 2062..2178
    /label=cPPT/CTS
    /note="central polypurine tract and central
termination
    sequence of HIV-1 (lacking the first T)"
    misc_feature 2213..2214
    /label=MCS
    promoter 2225..2625
    /gene="SFFV"
    /label=SFFV
    primer_bind 2225..2625
    /label=seq.ZsGrev
    primer_bind 2488..2625
    /label=seq.SFFVfw
    CDS 2650..3360
    /codon_start=1
    /product="monomeric derivative of DsRed fluorescent
protein
    (Shaner et al., 2004)"
    /label=mCherry
    /note="mammalian codon-optimized"

/translation="MVSKGEEDNMAIKEFMRFKVHMEGSVNGHEFEIEGEGEGRPYEG
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    misc_feature 3372..3948
    /label=IRES
    CDS 3949..4551
    /codon_start=1
    /gene="pac from Streptomyces alboniger"
    /product="puromycin N-acetyltransferase"
    /label=PuroR
    /note="confers resistance to puromycin"

/translation="MATEYKPTVRLATRDDVPRAVRTLAAAFADYPATRHTVDPDRHIE
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gap               4738..4759
                  /estimated_length=22
misc_feature      4776..4838
                  /label=3'-UltramiR
misc_feature      4779..4800
                  /label=For 5' for Pool qPCR
                  /note="Twelve replicate reactions containing 825 ng
gDNA
cycle
was
number of
product
serially
An
served as
using
common
of 127
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                  regulatory element"
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                  /label=Factor Xa site
                  /translation="IEGR"
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                  /label=3'LTR
LTR               5706..5939
                  /label=3' LTR (Delta-U3)

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promoter HIV-1"
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        /note="SV40 origin of replication"
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        /note="high-copy-number ColE1/pMB1/pBR322/pUC origin
of
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        complement(7209..8168)
        /gene="bla"
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