

Note: The following document has been compiled from information in sequence databases, published literature and other sources. This vector has not been completely sequenced.

pLKO.1puro

General Description

DNA 'pLKO.1puro'
Local object
Created: 03/12/04 09:30 AM
Last Modified: 03/12/04 09:40 AM
length: 7139 bp
storage type: Basic
form: Circular

Standard Fields

Keywords: Johnson

Comments

Annotations

Feature Map

CDS (2 total)

Puro

Start: 728 End: 1327

AmpR

Start: 2861 End: 3721

LTR (2 total)

3'_LTR

Start: 1464 End: 1699

5'_LTR

Start: 5175 End: 5355

Misc. Feature (3 total)

cpptCTE

Start: 1 End: 127

U6 promoter

Start: 6958 End: 7107

U6+1G

Start: 7108 End: 7108

Promoter Prokaryotic (1 total)

hPGK promoter

Start: 200 End: 706

Replication Origin (1 total)

F1 ORI

Start: 2274 End: 2743

Misc. Signal (1 total)

HIV-1 RNA packaging signal

Start: 5485 End: 5520

Restriction Map

AgeI: 1 site
A|CCGGT
TGGCC|A

N1: 7105

BamHI: 1 site
G|CATCC
CCTAG|C

N1: 710

Clal: 1 site
AT|CGAT
TAGC|TA

N1: 6819

EcoRI: 1 site
G|AATTC
CTTAA|C

N1: 7129

FspI: 3 sites
TGC|CA
ACG|GT

N1: 238

N2: 2253

N3: 3425

HindIII: 5 sites
A|AGCTT
TTCGA|A

N1: 1597

N2: 5019

N3: 5331

N4: 5887

N5: 6471

KpnI: 1 site
GGTAC|
CATGG

N1: 1400

MluI: 1 site
A|CGCGT
TGGCA|A

N1: 7123

NotI: 2 sites
GC|GCCGC
CGCCG|CG

N1: 5944

N2: 6842

PstI: 0 sites
CTGCA|
GACGTC

PvuI: 3 sites
CGAT|G
GCTAGC

N1: 2234

N2: 3279

N3: 5145

Sall: 1 site
G|TCGAC
CAGCT|C

N1: 7135

Scal: 1 site AGTACT
 TCAATGA

N1: 3167

SnaBI: 0 sites TACETA
 ATGCAT

XbaI: 0 sites TCTAGA
 AGATCT

XhoI: 3 sites CTCGAG
 GAGCTC

N1: 1
N2: 191
N3: 6836