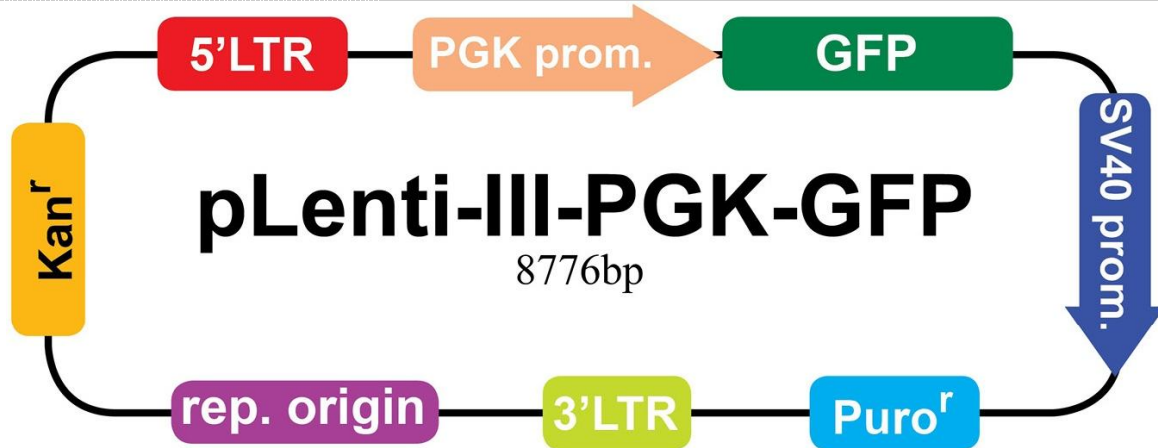


LV028

Vector Name	pLenti-III-PGK-GFP
VectorType	Lentivirus
Antibiotic Information	Puromycin
Sequencing Primers	PGK Sequencing Primer (2433-2457) 5'---AATTCTACCGGGTAGGGGAGGCGCT---3'
Cloning Sites	NcoI/MfeI



Sequence

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Genebank

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Text Map

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                                     Encap other (162,310)>>>
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                                     amp prom (365,393)<<<
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                                     HpaI
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GFP reporter (2953,3669) >>>

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3301 ggcgacaccctggtgaaccgcacatcgagctgaagggcactcagactcaaggaggcggcaac 3360
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3541 cccgacaaccactacctgagcaccagtcggccctgagcaaaccccaacgagaagcgc 3600
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KpnI EcoRI

3661 ctgtacaagtaacaattgagtagtactacgttaggtaccaccagtggtggcctgcaggtgaa 3720
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NotI

EcoRV ApaI BamHI XbaI

3721 ttcactagtagccggtaggcctgtogacgatatcggggcccggcggcctggatcctctaga 3780
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XhoI SV40 prom (3837,4105) >>>

3781 ctgcagctcgagtaccatacagcgtcccagactacgcttgagtttaaacacgcgtggtg 3840
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3841 tggaaaagtccccaggctccccagcaggcagaagtatgcaaagcatgcatctcaattagtc 3900
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3901 agcaaccaggtgtgaaaagtccccaggctccccagcaggcagaagtatgcaaagcatgca 3960
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SV40 origin (4004,4081) >>>

3961 tetcaattagtcagcaaccatagtcggcccccctaaactccgcccaccccggccctaaactcc 4020
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ORF_4 rf (3) (4071,4739) >>>

4021 gccagttccgccattctccgcccattggctgactaatTTTTTTTATTTATGcagaggc 4080
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SfiI

4081 cgaggcgcctcggcctctgagctattccagaagtagtgaggaggctTTTTTTGGAGGCCA 4140
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puro marker (4140,4739) >>>

4141 tgaccagtagtaagcccaggtgogcctcggccaccggcgaogagctccctgggcccgtac 4200
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4201 gaccctcgcgcgcttcgcccactaccccgccagcgcacacccgtggaccggacc 4260
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4261 gccacatcgagcgggtcaccgagctgcaagaactcttctcaccgcgctgggctcgaca 4320
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4321 tcggcaaggtgtgggtcgcggagcagcggcgccgctggcggtctggaccacgcccggaga 4380
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delta_U3 other (5349,5401)>>>

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HIV-1_5_LTR other (5402,5582)>>>

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5461 actgcttaagcctcaataaagcttgccttgagtgcttcaagtagtgtgtcccgtctggt 5520
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BelI

ORF_3 rf(1)(7498,8292)>>>


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Features

5'-LTR

Start: 486 End: 2177

Original Location Description:

486..2177

PGK Promoter

Start: 2553 End: 2943

Original Location Description:

2553..2943

Gentaur Molecular Products
 Voortstraat 49
 1910 Kampenhout, Belgium

GFP Reporter
Start: 2946 End: 3672
Original Location Description:
2946..3672
SV40 Promoter
Start: 3837 End: 4139
Original Location Description:
3837..4139
Puromycin
Start: 4140 End: 4739
Original Location Description:
4140..4739
3'-LTR
Start: 5825 End: 4740 (Complementary)
Original Location Description:
complement(5825..4740)
Kanamycin
Start: 7498 End: 8289
Original Location Description:
7498..8289

GENTAUR