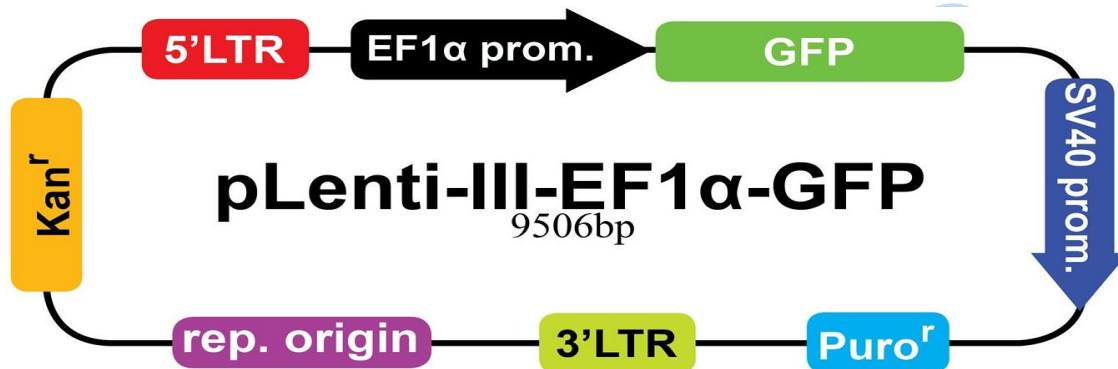


LV066

Vector Name	pLenti-III-EF1 α -GFP
Vector Type	Lentivirus
Antibiotic Information	Puromycin
Cloning Sites	NheI/KpnI



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Gentaur Molecular Products
Voortstraat 49
1910 Kampenhout, Belgium

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Text Map

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HIV-1_psi_pack other (1006,1050)>>>

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1381 aaagtaagaccaccgacagcaagcccgtgatcttcagacctggaggaggagatagag 1440
TTTCATTTCTGGTGGCGTGTCTCGGGCGACTAGAAGTCTGGACCTCCTCCTATACTC

1441 ggacattggagaagtgaattatataaaataaaagtagtaaaaattgaaccattaggagta 1500
CCTGTAACCTCTTCACTTAATATATTTATATTTTCATCATTTTAACTTGGTAATCCTCAT

RRE reg (1557,1790)>>>

1501 gcaccaccaagcgaagagaagagtgggtcagagagaaaaagagcagtggaatagga 1560
CGTGGGTGGTTCCGTTCTCTTCTCACCAGTCTCTCTTTTTTCTCGTACCCTTATCT

ORF_1 rf (1) (1600,2301)>>>

1561 gctttgttccttggttctctgggagcagcaggaagcactatggcgagcgtcaatgacg 1620
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1621 ctgacggtacagccagacaattattgtctggtatagtgagcagcagacaatttgctg 1680
GACTGCCATGTCGGTCTGTTAATAACAGACCATATCACGTCGTCGCTTGTAAACGAC

1681 agggctattgagcgcacagcatctgttgcaactcacagctctgggcatcaagcagctc 1740
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1741 caggcaagaatcctggctgtggaagatacctaaggatcaacagctcctggggatttg 1800
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1801 ggttgcctggaactcattgacaccactgctgtgccttggaatgctagttggagtaat 1860
CCAACGAGACCTTTTGTAGTAAACGTTGGTACGACACGGAACTTACGATCAACCTCATT

1861 aaatctctggaacagatttggaatcacacgacctggatggagtgaggacagagaaattaac 1920
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1921 aattacacaagcttaatacactcottaattgaagaatcgaaaaccagcaagaaaagaat 1980
TTAATGTGTTGCAATATGTGAGGAATTAACCTTCTTAGCGTTTTGGTCTCTTTTCTTA

1981 gaacaagaattattggaattagataaaatgggcaagtttgggaattggtttaacataaca 2040
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2041 aattggctgtggtatataaaattattcataatgatagtaggagcttggtaggtttaaga 2100
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2101 atagtttttggctgtactttctatagtgaaatagagtttaggcagggatattcaccattatcg 2160
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2161 tttcagaccacctcccaaccccgaggggacccgacagggcccgaaggaatagaagaagaa 2220
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2221 ggtggagagagacagagacagatccattcgattagtgaaacggatctcgacggtatoga 2280
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2281 aagcttgggattcgaatttaaaagaaaagggggattgggggtacagtcaggggaaag 2340
TTCGAACCTAAGCTTAAATTTCTTTTCCCCCTAACCCCATGTCACGTCCTCCCTTC

ORF_6 rf(5) (2381,3361)<<<
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2341 aatagtagacataatagcaacagacatacaaaactaagaactacaaaaaaattacaaa 2400
TTATCATCTGTATTATCGTTGTCTGTATGTTTGATTCTTGATGTTTTTGTAAATGTTT

EF1a prom(2444,3621)>>>
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2401 aattcaaaattttggggtttttcgaacctagggagtgggaaattggctccgggtgccgtca 2460
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2521 aaccgggtgcctagagaagtgccgaggggtaaaactgggaaagtgatgctgactggct 2580
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2581 ccgccttttcccgaggggtgggggagaaccgtatataaagtgcagtagtcgccgtgaact 2640
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2641 tctttttcgaacgggttttgcgcagacaacaggtaaagtgcggtgtgtggttcccggc 2700
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2761 tacgtgattcttgatcccagcttccgggttgaagtgggtgggagagttcgagcccttgc 2820
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3541 ctttttgagtttggatcttggcttcaatctcaagcctcagacagtggttcaagtttttt 3600
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ORF_3 rf(2) (3647,4420)>>>
|
EGFP reporter (3647,4363)>>>

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ORF_5 rf(5) (3635,4615)<<<
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3601 cttccatttcaggtgtcgtgaggaatttcgactgctagccgccaccatggtgagcaaggg 3660
    GAAGGTAAGTCCACAGCACTCCTTAAAGCTGACGATCGGCGGTGGTACCACCTCGTTCCC
3661 cgaggagctgtaccgggggtggtgcccatacctggtcgagctggacggcgacgtaaacgg 3720
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3721 ccacaagttcagcgtgtccggcgagggcgagggcgatgccacctacggcaagctgacct 3780
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3781 gaagttcatctgaccaccggcaagctgcccgtgcccctgcccaccctcgtgaccacct 3840
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3841 gacctagcggcgtgagctgttcagccgctaccocgaccacatgaagcagcagcacttctt 3900
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KpnI
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4381 cagcccaggccgcagacggcgcagacggcgcagacgctgaggtaccccagtggtggcc 4440
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|
|
EcoRI      EcoRV      NotI
|           |           |
4441 tgcaggtgaattcactagtagccggtaggcctgtogacgatatcgggcccgcggccgctgg 4500
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|
|
BamHI XbaI
|       |
4501 atcctctagactgcagctcgagtaccatacagcgtcccagactacgcttgagtttaaac 4560
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|
SV40 prom(4567,4835)>>>
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4561 acgctgtggtgaaagtcgccaggctcccagcagggcagaagtatgcaagcatgcatc 4620
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4621 tcaattagtcagcaaccaggtgtgaaagtcgccaggctcccagcagggcagaagtatgc 4680
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SV40 origin(4734,4811)>>>
|
4681 aaagcatgcatctcaattagtcagcaaccatagtcggccctaaactccgcccacccgc 4740
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4741 ccctaactccggccagttccgcccattctccgcccacatggtgactaatttttttattt 4800
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|
SfiI
|
ORF_2 rf(1) (4801,5469)>>>
|
4801 atgcagagggcagggccgctcctgagctattccagaagttagtgaggagctttt 4860
    TACGTCCTCCGGCTCCGGCGGAGCCGAGACTCGATAAGGTTTCATCACTCCTCCGAAAA
|
puro marker(4870,5469)>>>
|
4861 ttggaggccatgaccgagtaacaagcccaggtgcccctcgcaccccgacgacgctcct 4920
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4921 cgggcccgtacgaccctcgcggccgcttcgcccactaccccgcacgcgccacaccgtg 4980

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5041 gggctcgacatcggaagggtgggtcgaggacgacggcgccgggtggcggtctggacc 5100
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5761 actttctcttccccctccctattgcaacggcggaactcaccgcccctgcttggccgc 5820
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delta_U3 other (6079, 6131)>>>

6061 cctccccgctgctccggatggaagggttaattcactcccaacgaatacaagatctgctt 6120
GGAGGGGCGGACAGCCCTACCTTCCCGATTAAAGTGAGGGTTGCTTATGTTCTAGACGAAA

HIV-1_5_LTR other (6132, 6312)>>>

6121 ttgcttgtactgggtctctctggttagaccagatctgagcctgggagctctctggttaac 6180
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6181 tagggaaccactgcttaagcctcaataaagccttgccttgagtgcttcaagtagtgtgtg 6240
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6241 cccgtctgttgtgactctggttaactagagatccctcagacccttttagtcagtgtgga 6300
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6301 aaatctctagcagtagtagttcatgtcatcttattattcagttttataacttgcaaaaga 6360
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6481 tgtccaaactcatcaatgtatcttatcatgtctggtcatctatgtcgggtgaggagaaaga 6540
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pBR322 origin (6818, 7437) <<<
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6781 caaaaggccagcaaaaggccaggaaccgtaaaaaggccgctgctggcgctttttccata 6840
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NEOKAN prom (8090, 8139) >>>
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8041 gcttacatggcgatagctagactggcggttttatggacagcaagcgaaccggaattgcc 8100
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Bcl I
|
8161 gccgcaaggtatctgtagcgcaggggatcaagctctgatacaagagacaggtatgaggtc 8220

CGGCGGTTCCCTAGACTACCGCGTCCCCTAGTTCGAGACTAGTTCCTCTGTCTACTCCTAG

NTP_II marker (8231, 9019) >>>

ORF_4 rf (2) (8228, 9022) >>>

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8341 gctgtcagcgcaggggcccggctctttttgtcaagaccgacctgtccgggtgccctgaa 8400
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f1 origin (9127, 9432) <<<

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