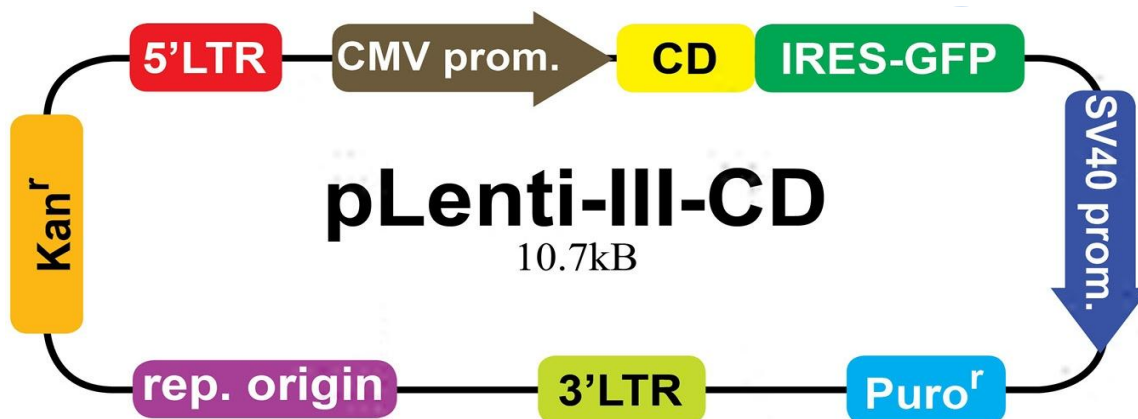


LV050

Vector Name	pLenti-III-CD
Vector Type	Lentivirus
Antibiotic Information	Puromycin
Sequencing Primers	CMV sequencing primer 5'---CGC AAA TGG GCG GATGGC GTG---3'



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Gentaur Molecular Products
Voortstraat 49
1910 Kampenhout, Belgium

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601 tacgatcgtgccttattaggaaggcaacagacgggtctgacatggattggacgaaccact 660
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HIV-1_5_LTR other(715,895)>>>
|
661 gaattgcccattgcagagatattgtatattaagtgctagctcgatacataaacgggtct 720
CTTACGGCGTAACGCTCTATAACATAAATTCACGGATCGAGCTATGTATTTGCCCGA
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GAGACCAATCTGGTCTAGACTCGGACCCFCGAGAGACCGATTGATCCCTGGGTGACGAA
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HIV-1_psi_pack other(1006,1050)>>>
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NruI
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RRE reg(1557,1790)>>>
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ORF_1 rf(1)(1600,2301)>>>
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CMV prom(2885,2966)>>>

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2941 gagctcgttttagtgaaccgtcagatcgcctggagacgccatccacgctgttttgacctcc 3000
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tetO reg(3022,3061)>>>

|

3001 atagaagaaccgagtttaactccctatcagtgatagagatctccctatcagtgatagag 3060
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ORF_5 rf (3) (3078,4361) >>>

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EcoRI

|

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      |
      ORF_3 rf(2)(5006,5737)>>>
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XhoI
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SV40 origin(5973,6050)>>>
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ORF_2 rf(1)(6040,6708)>>>
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SfiI
|

puro marker(6109,6708)>>>
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7801 gtattatgggtctgcattaatgaatcgcccaacgatcccgggtgaaataccgcacagat 7860
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7861 gcgtaaggagaaaataccgcatcaggcgtctctccgcttctcctcgtcactgactcgtctc 7920
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7921 gctcggctcgttcggctcggcgagcgggtatcagctcactcaaaggcggtataacggttat 7980
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7981 ccacagaatcaggggataacgcaggaagaacatgtgagcaaaaggccagcaaaaggcca 8040
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pBR322 origin (8057,8676)<<<
|

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8101 atcacaaaaatcgacgctcaagtcagaggtggcgaaccgcaggaactataaagatacc 8160
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8161 aggcgtttccccctggaagctccctcgtgcgctctcctgttccgaccctgcccgttaccg 8220
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8221 gatacctgtccgctttctcccttcgggaagcgtggcgtttctcatagctcacgctgta 8280
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8461 gcggtgtacagagttcttgaagtggtggcctaactacggctacactagaaggacagtat 8520
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8521 ttggtatctcgtcctcgtgaagccagttaccttcggaaaaagagttggtagctcttgat 8580
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8701 ggaacgaaaactcagtttaaggatgttggctcatgagattatcaaaaaggatcttcacct 8760
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8761 agatccttttaattaaaatgaagtttaaatcaatctaagttatataatgagtaaaact 8820
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8881 gttcatocagttgctgactccccgctgtagataactacgatacggggagggttac 8940
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8941 catctggccccagtgctgcaatgataccgcgagaccacgctcaccggtccagatttat 9000
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9001 cagcaataaaccagccagccggaagggccgagcgcagaagtggctcctgcaactttatccg 9060
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9061 cctccatccagctatattaattgttccgggaagctagagtaagtagtctgccagtttaata 9120
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9241 aaacgcaagcgcaagagaaagcaggtagcttgcagtgggttacatggcgatagctaga 9300
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NEOKAN prom(9329,9378)>>>

9301 ctggggcggttttatggacagcaagcgaaacgggaattgccagctggggcgccctctggtaa 9360
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9361 ggttgggaagccctgcaaaagtaaaactggatggctttctcgcgcccaaggatctgatggcg 9420
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NTP_II marker(9470,10258)>>>

BclI

ORF_4 rf(2)(9467,10261)>>>

9421 caggggatcaagctctgatcaagagacaggatgaggatcgtttcgcatgattgaacaaga 9480
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9481 tggattgcaagcaggttctccggccttggtggagagctattcgctatgactgggc 9540
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9541 acaacagacaatcggtctctgatgcccgcgtgttccggctgcagcgcagggggcgccc 9600
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9601 ggttctttttgtcaagaccgacctgtccggcctgaaatgaactgcaagcagggcagc 9660
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9661 gggctatcgtggctggccacgagggcgttccttgcgcagctgtgctcgactgtgtcac 9720
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9901 tactcgatggaagcggctctgtcgcacagatgatctggaagagcagcaggggct 9960
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9961 cgcgccagccgaactgttcgcccaggtcaaggcgagcatgcccagcggcgaggatctcgt 10020
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10141 ccgtgatattgctgaagagccttggcggcgaatgggctgaccgcttctctgtgctttacgg 10200
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10201 tategccgctcccattcgcagcgcacatgccttctatcgccttcttgaaggttctcttg 10260
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10261 aatthttgtaaaatthttgtaaaatcagctcattthtttaaccaataggccgaaatcgga 10320
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f1 origin(10366,10671)<<<

10321 acatccctataaaatcaaaagaatagaccgcgatagggttgagtgtgttccagtttga 10380
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10381 acaagagtocactatataaagaacgtggactccaacgtcaagggcgaaaacogtctatc 10440
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10441 agggcgatggcccactacgtgaaccatcaccctcaaatcaagttttttgcggtcgagggtgcc 10500
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10501 gtaaagctctaaatcggaaccctaagggagcccccgatttagagcttgacggggaaagc 10560
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10561 cggcgaacgtggcgagaaaggaaggaagaaagcgaaggagcggcgctagggcgctgg 10620
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10621 caagtgtagcggtcacgctgcgctaacaccacaccccgcgcttaatgcgcccgtaca 10680
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10741 acctt 10745
TGGAA

Features

5'-LTR
Start: 486 End: 2177
Original Location Description:
486..2177
CMV Promoter

Start: 2433 End: 3061
Original Location Description:
2433..3061
CD

Start: 3062 End: 4367
Original Location Description:
3062..4367
IRES-GFP

Start: 4425 End: 5747
Original Location Description:
4425..5747
SV40 Promoter

Start: 5806 End: 6108
Original Location Description:
5806..6108
Puro

Start: 6109 End: 6708
Original Location Description:
6109..6708
3'-LTR

Start: 7794 End: 6709 (Complementary)
Original Location Description:
complement(7794..6709)
Kana

Start: 9467 End: 10258
Original Location Description:
9467..10258