IGEbio
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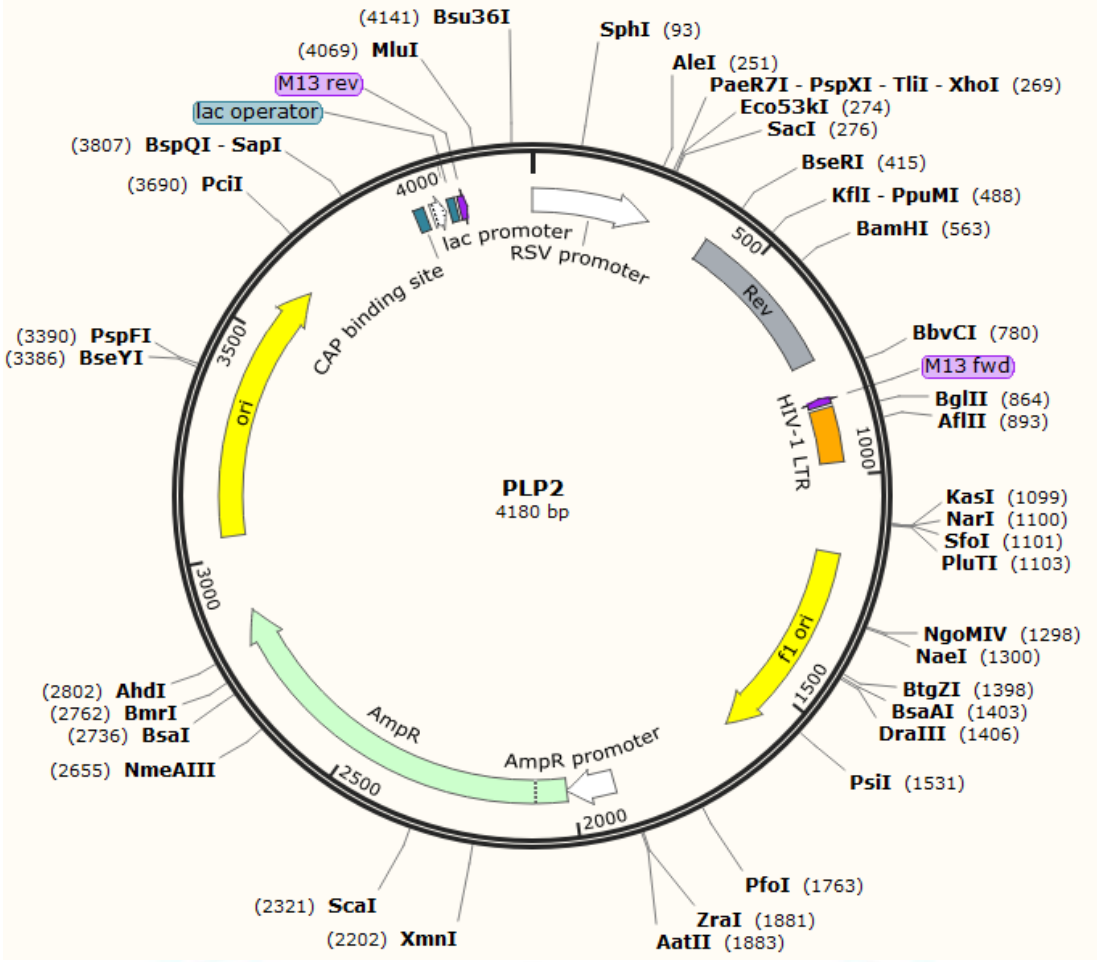
广州市，广东省

PLP2 Vector Information



载体名称: PLP2
质粒类型: 哺乳动物细胞慢病毒表达载体
表达水平: 高拷贝
启动子: RSV Promotor
克隆方法: 多克隆位点，限制性内切酶
克隆位点: --
载体大小: 4180bp
5’测序引物及序列: CMV-F: CGCAAATGGGCGGTAGGCGTG
3’测序引物及序列: --
载体标签: --
载体抗性: Amp
筛选标记: --
产品目录号: --
稳定性:
组成型/诱导型: 组成型
病毒/非病毒: 慢病毒
克隆菌株: Stbl3

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LOCUS Exported 4180bp ds-DNA circular SYN 24-OCT-2019
DEFINITION  synthetic circular DNA
ACCESSION   .
VERSION     .
KEYWORDS    PLP2
SOURCE      synthetic DNA construct
  ORGANISM  synthetic DNA construct
REFERENCE   1  (bases 1 to 4180)
  AUTHORS   .
  TITLE     Direct Submission
  JOURNAL   Exported Saturday, December 21, 2019 from SnapGene 3.2.1
            http://www.snapgene.com
FEATURES             Location/Qualifiers
     source          1..4180
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                     /mol_type="other DNA"
     promoter        1..262
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                     /note="Rous sarcoma virus enhancer/promoter"
     misc_feature    391..741
                     /note="Rev"
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                     /note="M13 fwd"
                     /note="common sequencing primer, one of multiple similar
                     variants"
     misc_feature    850..971
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     rep_origin      1173..1628
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                     /note="f1 bacteriophage origin of replication; arrow
                     indicates direction of (+) strand synthesis"
     promoter        1910..2014
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PVTEKHLTDGMTVRELCSAAITMSDNTAANLLLTTIGGPKELTAFLHNMGDHVTRLDRW
EPELNEAIPNDERDTTMPVAMATTLRKLLTGELLTLASRQQLIDWMEADKVAGPLLRSA
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LIKHW"

rep_origin 3046..3634
/direction=RIGHT
/note="ori"
/note="high-copy-number ColE1/pMB1/pBR322/pUC origin of replication"

protein_bind 3922..3943
/bound_moiety="E. coli catabolite activator protein"
/note="CAP binding site"
/note="CAP binding activates transcription in the presence of cAMP."

promoter 3958..3988
/note="lac promoter"
/note="promoter for the E. coli lac operon"

protein_bind 3996..4012
/bound_moiety="lac repressor encoded by lacI"
/note="lac operator"
/note="The lac repressor binds to the lac operator to inhibit transcription in E. coli. This inhibition can be relieved by adding lactose or isopropyl-beta-D-thiogalactopyranoside (IPTG)."

primer_bind 4020..4036
/note="M13 rev"
/note="common sequencing primer, one of multiple similar variants"

ORIGIN

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      121 TCGTGCCTTA TTAGGAAGGC AACAGACGGG TCTGACATGG ATTGGACGAA CCACTGAATT
      181 CCGCATTGCA GAGATATTGT ATTTAAGTGC CTAGCTCGAT ACAATAAACG CCATTTGACC
      241 ATTCACCACA TTGGTGTGCA CCTCCAAGCT CGAGCTCGTT TAGTGAACCG TCAGATCGCC
      301 TGGAGACGCC ATCCACGCTG TTTTGACCTC CATAGAAGAC ACCGGGACCG ATCCAGCCTC
      361 CCCTCGAAGC TAGTCGATTA GGCATCTCCT ATGGCAGGAA GAAGCGGAGA CAGCGACGAA
      421 GACCTCCTCA AGGCAGTCAG ACTCATCAAG TTTCTCTATC AAAGCAACCC ACCTCCCAAT
      481 CCCGAGGGGA CCCGACAGGC CCGAAGGAAT AGAAGAAGAA GGTGGAGAGA GAGACAGAGA
      541 CAGATCCATT CGATTAGTGA ACGGATCCTT AGCACTTATC TGGGACGATC TGCGGAGCCT
      601 GTGCCTCTTC AGCTACCACC GCTTGAGAGA CTTACTCTTG ATTGTAACGA GGATTGTGGA
      661 ACTTCTGGGA CGCAGGGGGT GGGAAGCCCT CAAATATTGG TGGAATCTCC TACAATATTG
      721 GAGTCAGGAG CTAAAGAATA GTGCTGTTAG CTTGCTCAAT GCCACAGCTA TAGCAGTAGC
      781 TGAGGGGACA GATAGGGTTA TAGAAGTAGT ACAAGAAGCT TGGCACTGGC CGTCGTTTTA
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901 TCAATAAAGC TTGCCTTGAG TGCTTCAAGT AGTGTGTGCC CGTCTGTTGT GTGACTCTGG
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1021 CTTTCGCCAG CTGGCGTAAT AGCGAAGAGG CCCGCACCGA TCGCCCTTCC CAACAGTTGC
1081 GCAGCCTGAA TGGCGAATGG CGCCTGATGC GGTATTTTCT CCTTACGCAT CTGTGCGGTA
1141 TTTCACACCG CATACGTCAA AGCAACCATA GTACGCGCCC TGTAGCGGCG CATTAAGCGC
1201 GGCGGGTGTG GTGGTTACGC GCAGCGTGAC CGCTACACTT GCCAGCGCCC TAGCGCCCGC
1261 TCCTTTCGCT TTCTTCCCTT CCTTTCTCGC CACGTTCGCC GGCTTTCCCC GTCAAGCTCT
1321 AAATCGGGGG CTCCCTTTAG GGTTCCGATT TAGTGCTTTA CGGCACCTCG ACCCCAAAAA
1381 ACTTGATTTG GGTGATGGTT CACGTAGTGG GCCATCGCCC TGATAGACGG TTTTTCGCCC
1441 TTTGACGTTG GAGTCCACGT TCTTTAATAG TGGACTCTTG TTCCAAACTG GAACAACACT
1501 CAACCCTATC TCGGGCTATT CTTTTGATTT ATAAGGGATT TTGCCGATTT CGGCCTATTG
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1621 TACAATTTTA TGGTGCACTC TCAGTACAAT CTGCTCTGAT GCCGCATAGT TAAGCCAGCC
1681 CCGACACCCG CCAACACCCG CTGACGCGCC CTGACGGGCT TGTCTGCTCC CGGCATCCGC
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1861 GATAATAATG GTTTCTTAGA CGTCAGGTGG CACTTTTCGG GGAAATGTGC GCGGAACCCC
1921 TATTTGTTTA TTTTTCTAAA TACATTCAAA TATGTATCCG CTCATGAGAC AATAACCCTG
1981 ATAAATGCTT CAATAATATT GAAAAAGGAA GAGTATGAGT ATTCAACATT TCCGTGTCGC
2041 CCTTATTCCC TTTTTTGCGG CATTTTGCCT TCCTGTTTTT GCTCACCCAG AAACGCTGGT
2101 GAAAGTAAAA GATGCTGAAG ATCAGTTGGG TGCACGAGTG GGTTACATCG AACTGGATCT
2161 CAACAGCGGT AAGATCCTTG AGAGTTTTCG CCCCGAAGAA CGTTTTCCAA TGATGAGCAC
2221 TTTTAAAGTT CTGCTATGTG GCGCGGTATT ATCCCGTATT GACGCCGGGC AAGAGCAACT
2281 CGGTCGCCGC ATACACTATT CTCAGAATGA CTTGGTTGAG TACTCACCAG TCACAGAAAA
2341 GCATCTTACG GATGGCATGA CAGTAAGAGA ATTATGCAGT GCTGCCATAA CCATGAGTGA
2401 TAACACTGCG GCCAACTTAC TTCTGACAAC GATCGGAGGA CCGAAGGAGC TAACCGCTTT
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2581 CAAACTATTA ACTGGCGAAC TACTTACTCT AGCTTCCCGG CAACAATTAA TAGACTGGAT
2641 GGAGGCGGAT AAAGTTGCAG GACCACTTCT GCGCTCGGCC CTTCCGGCTG GCTGGTTTAT
2701 TGCTGATAAA TCTGGAGCCG GTGAGCGTGG GTCTCGCGGT ATCATTGCAG CACTGGGGCC
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3061 TCTGCGCGTA ATCTGCTGCT TGCAAACAAA AAAACCACCG CTACCAGCGG TGGTTTGTTT
3121 GCCGGATCAA GAGCTACCAA CTCTTTTTCC GAAGGTAACT GGCTTCAGCA GAGCGCAGAT
3181 ACCAAATACT GTTCTTCTAG TGTAGCCGTA GTTAGGCCAC CACTTCAAGA ACTCTGTAGC
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3361 CTGAACGGGG GGTTCGTGCA CACAGCCCAG CTTGGAGCGA ACGACCTACA CCGAACTGAG
3421 ATACCTACAG CGTGAGCTAT GAGAAAGCGC CACGCTTCCC GAAGGGAGAA AGGCGGACAG
3481 GTATCCGGTA AGCGGCAGGG TCGGAACAGG AGAGCGCACG AGGGAGCTTC CAGGGGGAAA

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3601 GTGATGCTCG TCAGGGGGGC GGAGCCTATG GAAAAACGCC AGCAACGCGG CCTTTTTACG
3661 GTTCCTGGCC TTTTGCTGGC CTTTTGCTCA CATGTTCTTT CCTGCGTTAT CCCCTGATTC
3721 TGTGGATAAC CGTATTACCG CCTTTGAGTG AGCTGATACC GCTCGCCGCA GCCGAACGAC
3781 CGAGCGCAGC GAGTCAGTGA GCGAGGAAGC GGAAGAGCGC CCAATACGCA AACCGCCTCT
3841 CCCCGCGCGT TGGCCGATTC ATTAATGCAG CTGGCACGAC AGGTTTCCCG ACTGGAAAGC
3901 GGGCAGTGAG CGCAACGCAA TTAATGTGAG TTAGCTCACT CATTAGGCAC CCCAGGCTTT
3961 ACACTTTATG CTTCCGGCTC GTATGTTGTG TGGAATTGTG AGCGGATAAC AATTTCACAC
4021 AGGAAACAGC TATGACATGA TTACGAATTC GATGTACGGG CCAGATATAC GCGTATCTGA
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4141 CTCAGGATAT AGTAGTTTCG CTTTTGCATA GGGAGGGGGA
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