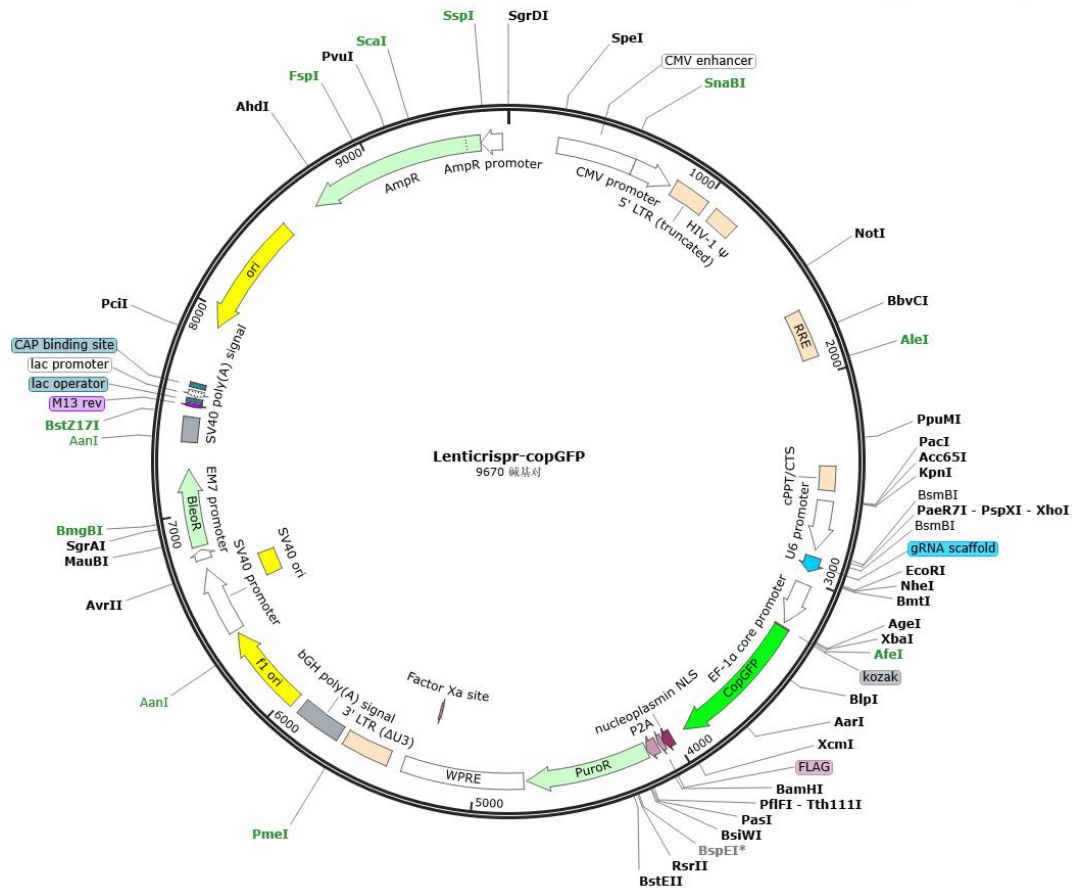




LentiCRISPR copGFP Vector Information



载体名称:	LentiCRISPR copGFP
质粒类型:	哺乳细胞表达载体, Lentiviral, CRISPR
表达水平:	高拷贝
启动子:	CMV promoter, U6 promoter,
克隆方法:	多克隆位点, 限制性内切酶
克隆位点:	BsmBI
载体大小:	9670bp
5' 测序引物及序列:	---
3' 测序引物及序列:	pCDH-EF1a-R(xiechen): ACACGACATCACTTTCCCAG
载体标签:	FLAG
载体抗性:	Amp
筛选标记:	PuroR, Bleo
产品目录号:	---
稳定性:	瞬时表达 Transient
组成型/诱导型:	组成型
病毒/非病毒:	慢病毒
克隆菌株:	Stb13



MCS 区:



LOCUS Lenticrispr-copGFP 9670 bp DNA circular SYN 24-AUG-2022

DEFINITION .

ACCESSION .

VERSION .

KEYWORDS .

SOURCE synthetic DNA construct

ORGANISM synthetic DNA construct

REFERENCE 1 (bases 1 to 9670)

AUTHORS L Preston

TITLE Direct Submission

JOURNAL Exported Jun 2, 2023 from SnapGene 6.0.2
<https://www.snapgene.com>

FEATURES Location/Qualifiers

source 1..9670
/mol_type="other DNA"
/organism="synthetic DNA construct"

enhancer 238..617
/label=CMV enhancer
/note="human cytomegalovirus immediate early enhancer"
/note="color: #ffffff"

promoter 619..817
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/note="human cytomegalovirus (CMV) immediate early promoter"
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LTR 835..1015
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/note="truncated 5' long terminal repeat (LTR) from HIV-1"
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misc_feature 1062..1187
/label=HIV-1 Psi
/note="packaging signal of human immunodeficiency virus"



type 1"
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misc_feature 1680..1913
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cleavage site"
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polyprotein"
/label=P2A
/note="Eukaryotic ribosomes fail to insert a peptide bond
between the Gly and Pro residues, yielding separate
polypeptides."
/note="color: #cc99b2
Cleavage site after base 4146"
/translation="ATNFSLLKQAGDVEENPGP"
CDS 4150..4746
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misc_feature 4762..5350
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CDS complement(5233..5244)
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/label=Factor Xa site
/note="color: #cc99b2
Cleavage site after base 5232"



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promoter 6776..6823
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polyA_signal 7346..7467
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primer_bind complement(7516..7532)



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/label=M13 rev
/note="common sequencing primer, one of multiple similar
variants"
/note="color: #a020f0; direction: LEFT"
protein_bind 7540..7556
/label=lac operator
/bound_moiety="lac repressor encoded by lacI"
/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)."
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promoter complement(7564..7594)
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/note="promoter for the E. coli lac operon"
/note="This reverse directional feature has 3 segments:
1: 7564 .. 7570 / #ffffff / -10
2: 7571 .. 7588 / #ffffff
3: 7589 .. 7594 / #ffffff / -35"
protein_bind 7609..7630
/label=CAP binding site
/bound_moiety="E. coli catabolite activator protein"
/note="CAP binding activates transcription in the presence
of cAMP."
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rep_origin complement(7918..8506)
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replication"
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CDS complement(8677..9537)
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/label=AmpR
/note="confers resistance to ampicillin, carbenicillin, and
related antibiotics"
/note="This feature has 2 segments:
1: 8677 .. 9468 / #ccffcc
2: 9469 .. 9537 / #ccffcc / signal sequence
Cleavage site after base 9468"
/translation="MSIQHFRVALIPFFAAFLPVFVFAHPETLVKVKDAEDQLGARVGYI
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ORIGIN

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