

Product Analysis Certificate

CRISPR Target for sgCopGFP Control (pRCdsGEB-CMV-dsCopGFP-EF1-Bleo, Packaged)



CRISPR Target for sgCopGFP Control pRCdsGEB-CMV-dsCopGFP-EF1-Bleo

Shipment Contents: pRCdsGEB-CMV-dsCopGFP-EF1-Bleo (Packaged)
Store at -80°C

Description:

Cellecta's CRISPR Target for sgCopGFP Control is a third-generation lentiviral vector expressing the dsCopGFP (destabilized CopGFP) marker and bleomycin resistance gene from different constitutive Pol II promoters. The following sgCopGFP standard control constructs (plasmid or virus) will target and knock out the dsCopGFP gene:

SGCTL-COP-pRSG16(-V)	sgCopGFP Control (copGFP targeting) in pRSG16-U6-(sg)-UbiC-RFP-Puro
SGCTL-COP-pRSGT16(-V)	sgCopGFP Control (copGFP targeting) in pRSGT16-U6Tet-(sg)-CMV-TetR-RFP-Puro
SGCTL-COP-pRSG17(-V)	sgCopGFP Control (copGFP targeting) in pRSG17-U6-(sg)-UbiC-TagGFP2-Puro
SGCTL-COP-pRSGT17(-V)	sgCopGFP Control (copGFP targeting) in pRSGT17-U6Tet-(sg)-CMV-TetR-TagGFP2-Puro Vector
SGCCTL-COP-pRSGCCP(-V)	sgCopGFP Control (copGFP targeting) in pRSGCCP-U6-(sg)-CMV-Cas9-2A-Puro
SGCCTL-COP-pRSGCCH(-V)	sgCopGFP Control (copGFP targeting) in pRSGCCH-U6-(sg)-CMV-Cas9-2A-Hygro
SGCCTL-COP-pRSGCCG(-V)	sgCopGFP Control (copGFP targeting) in pRSGCCG-U6-(sg)-CMV-Cas9-2A-TagGFP2

Other constructs with sgCopGFP (Cat.# SGCTL-COP-PX or SGCCTL-COP-PX) will also knock out dsCopGFP.

The plasmid vector can be packaged into VSV-G pseudotyped viral particles using most commercially-available second or third-generation packaging mixes or using Cellecta's second-generation Ready-to-Use Lentiviral Packaging Plasmid Mix (Cat.# CPCP-K2A, 250 µg).

Fluorescent Marker: dsCopGFP
Biosafety Level: BSL-2
Storage: -80°C
Shelf Life: 1 year from date of receipt
Shipping Conditions: Dry Ice

Product Information

User Manual: <https://www.cellecta.com/resources/product-manuals-and-certificates/>
Vector Info (Sequence, Map): <https://www.cellecta.com/resources/vector-information/>

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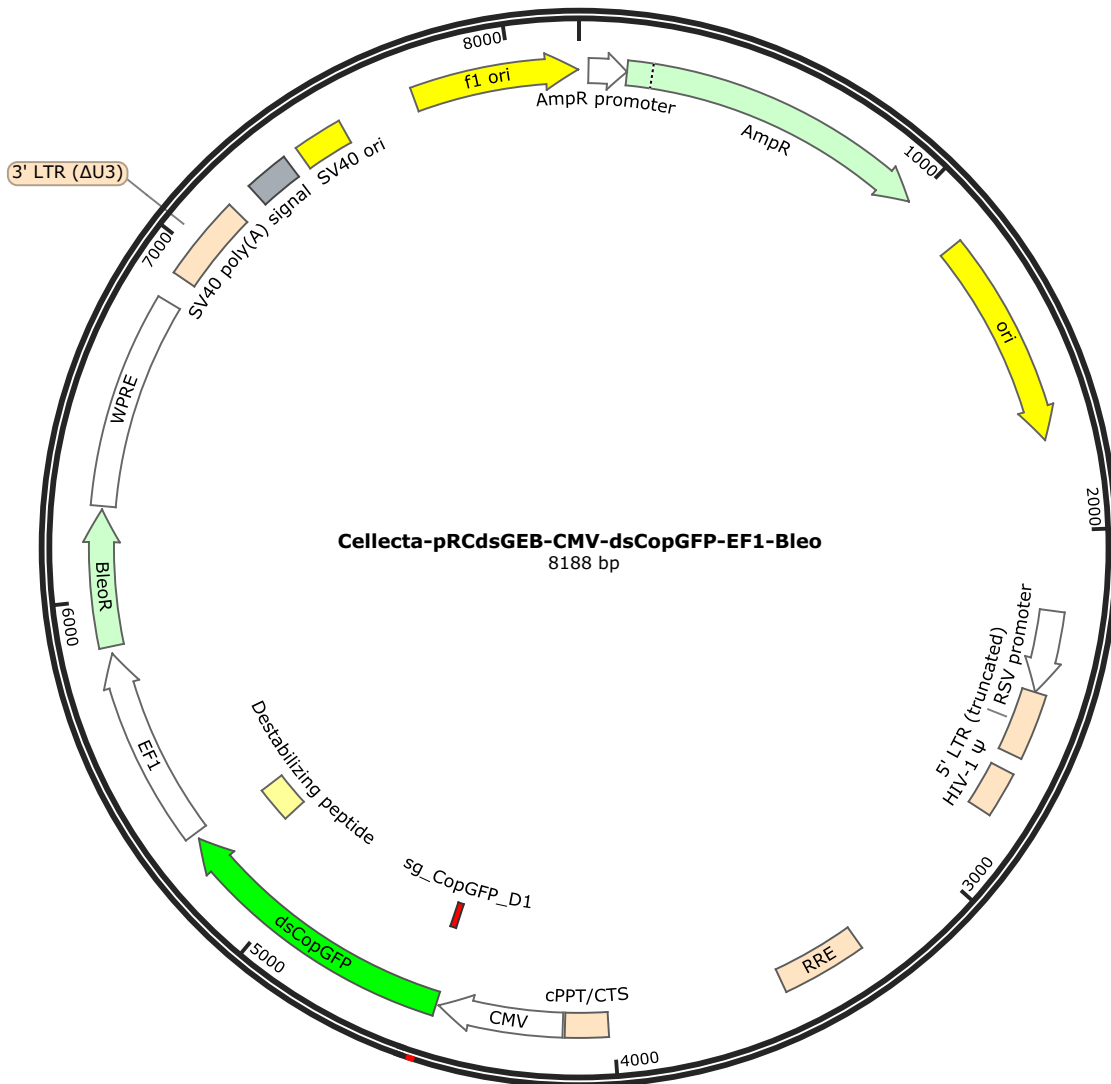
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Contents:

Catalog #	Description
SVCOPG-V	CRISPR Target for sgCopGFP Control pRCdsGEB-CMV-dsCopGFP-EF1-Bleo (Packaged) Packaged, $>1 \times 10^8$ TU: 1.25×10^7 TU, 6.95×10^6 TU/ml (1800 μ l total: 900 μ l \times 2 vials) Lot# 181114013; Store at -80°C

Vector Map:



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CRISPR Target for sgCopGFP Control (pRCdsGEB-CMV-dsCopGFP-EF1-Bleo, Packaged)



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