

# Dharmacon<sup>TM</sup> Edit-R<sup>TM</sup> All-in-one lentiviral sgRNA controls

## Requirements

25 µL × 2 (50 µL total) of  $1 \times 10^7$  TU/mL or greater

## Itemized list of contents

Lentiviral Particles (net quantity 0.025 mL per vial), Dry Ice (net quantity 15 kg)

### A. Edit-R All-in-one lentiviral sgRNA non-targeting controls (NTC)

Cat #	Item description	Lot number_titer*	Volume	Qty
VSGC11954	Edit-R All-in-one Lentiviral sgRNA mCMV Non-targeting Control #1	V19111409_ $4.40 \times 10^7$ TU/mL V20032005_ $3.42 \times 10^7$ TU/mL V21020506_ $8.78 \times 10^7$ TU/mL	25 µL	2
VSGC12059	Edit-R All-in-one Lentiviral sgRNA mCMV-EGFP Non-targeting Control #1	V20021401_ $3.95 \times 10^7$ TU/mL V20091003_ $4.07 \times 10^7$ TU/mL V21012802_ $9.55 \times 10^7$ TU/mL V21070904_ $4.71 \times 10^7$ TU/mL	25 µL	2
VSGC11956	Edit-R All-in-one Lentiviral sgRNA mCMV Non-targeting Control #2	V21012802_ $1.81 \times 10^7$ TU/mL V21030404_ $5.82 \times 10^7$ TU/mL	25 µL	2
VSGC12067	Edit-R All-in-one Lentiviral sgRNA mCMV-EGFP Non-targeting Control #2	V21012802_ $1.48 \times 10^7$ TU/mL V21030404_ $5.80 \times 10^7$ TU/mL	25 µL	2
VSGC11958	Edit-R All-in-one Lentiviral sgRNA mCMV Non-targeting Control #3	V20061106_ $3.83 \times 10^8$ TU/mL	25 µL	2
VSGC12075	Edit-R All-in-one Lentiviral sgRNA mCMV-EGFP Non-targeting Control #3	V21012802_ $2.49 \times 10^7$ TU/mL V21030404_ $6.96 \times 10^7$ TU/mL	25 µL	2
VSGC11960	Edit-R All-in-one Lentiviral sgRNA mCMV Non-targeting Control #4	V20061804_ $1.05 \times 10^8$ TU/mL	25 µL	2
VSGC12083	Edit-R All-in-one Lentiviral sgRNA mCMV-EGFP Non-targeting Control #4	<b>Pending Production</b>	25 µL	2
VSGC11962	Edit-R All-in-one Lentiviral sgRNA mCMV Non-targeting Control #5	V20061805_ $1.96 \times 10^8$ TU/mL	25 µL	2
VSGC12091	Edit-R All-in-one Lentiviral sgRNA mCMV-EGFP Non-targeting Control #5	<b>Pending Production</b>	25 µL	2

Cat #	Item description	Lot number_titer*	Volume	Qty
VSGC11964	Edit-R All-in-one Lentiviral sgRNA hEF1a Non-targeting Control #1	V19071905_ $4.96 \times 10^7$ TU/mL V19100301_ $6.19 \times 10^7$ TU/mL V20012201_ $3.18 \times 10^7$ TU/mL V20042406_ $4.98 \times 10^7$ TU/mL V20081301_ $2.15 \times 10^8$ TU/mL V21012801_ $8.23 \times 10^7$ TU/mL V21052803_ $7.22 \times 10^7$ TU/mL	25 µL	2
VSGC12063	Edit-R All-in-one Lentiviral sgRNA hEF1a-EGFP Non-targeting Control #1	V20021401_ $4.30 \times 10^7$ TU/mL V20103003_ $4.72 \times 10^7$ TU/mL	25 µL	2
VSGC11966	Edit-R All-in-one Lentiviral sgRNA hEF1a Non-targeting Control #2	V19100302_ $5.48 \times 10^7$ TU/mL V20012202_ $4.19 \times 10^7$ TU/mL V20081302_ $1.30 \times 10^8$ TU/mL V21012802_ $9.55 \times 10^7$ TU/mL	25 µL	2
VSGC12071	Edit-R All-in-one Lentiviral sgRNA hEF1a-EGFP Non-targeting Control #2	<b>Pending Production</b>	25 µL	2
VSGC11968	Edit-R All-in-one Lentiviral sgRNA hEF1a Non-targeting Control #3	V19100303_ $6.17 \times 10^7$ TU/mL V20012203_ $2.74 \times 10^7$ TU/mL V20022801_ $5.23 \times 10^7$ TU/mL V20081303_ $3.49 \times 10^8$ TU/mL	25 µL	2
VSGC12079	Edit-R All-in-one Lentiviral sgRNA hEF1a-EGFP Non-targeting Control #3		25 µL	2
VSGC11970	Edit-R All-in-one Lentiviral sgRNA hEF1a Non-targeting Control #4	V19100304_ $5.54 \times 10^7$ TU/mL	25 µL	2
VSGC12087	Edit-R All-in-one Lentiviral sgRNA hEF1a-EGFP Non-targeting Control #4		25 µL	2
VSGC11972	Edit-R All-in-one Lentiviral sgRNA hEF1a Non-targeting Control #5	V19100304_ $3.57 \times 10^7$ TU/mL V20012204_ $2.44 \times 10^7$ TU/mL	25 µL	2
VSGC12095	Edit-R All-in-one Lentiviral sgRNA hEF1a-EGFP Non-targeting Control #5		25 µL	2

## B. Edit-R All-in-one lentiviral sgRNA positive controls

Cat #	Item description	Lot number_titer*	Volume	Qty
VSGH11974	Edit-R Human All-in-one DNMT3Bb mCMV Lentiviral sgRNA Positive Control	V18102602_ 5.10 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH12099	Edit-R Human All-in-one DNMT3B mCMV-EGFP Lentiviral sgRNA Positive Control	V20021402_ 1.84 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH11976	Edit-R Human All-in-one DNMT3B hEF1a Lentiviral sgRNA Positive Control	V18102602_ 2.33 × 10 <sup>7</sup> TU/mL V19090603_ 7.44 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH12103	Edit-R Human All-in-one DNMT3B hEF1a-EGFP Lentiviral sgRNA Positive Control	V20021403_ 1.66 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH11978	Edit-R Human All-in-one PPIB mCMV Lentiviral sgRNA Positive Control	V18102603_ 4.23 × 10 <sup>7</sup> TU/mL V20061101_ 8.83 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH12107	Edit-R Human All-in-one PPIB mCMV-EGFP Lentiviral sgRNA Positive Control	V20042304_ 1.08 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH11980	Edit-R Human All-in-one PPIB hEF1a Lentiviral sgRNA Positive Control	V19090506_ 8.87 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH12111	Edit-R Human All-in-one PPIB hEF1a-EGFP Lentiviral sgRNA Positive Control	V20040301_ 1.47 × 10 <sup>7</sup> TU/mL V21020505_ 1.37 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGM11982	Edit-R Mouse All-in-one Dnmt3b mCMV Lentiviral sgRNA Positive Control		25 µL	2
VSGM12115	Edit-R Mouse All-in-one Dnmt3b mCMV-EGFP Lentiviral sgRNA Positive Control		25 µL	2
VSGM11984	Edit-R Mouse All-in-one Dnmt3b hEF1a Lentiviral sgRNA Positive Control		25 µL	2
VSGM12119	Edit-R Mouse All-in-one Dnmt3b hEF1a-EGFP Lentiviral sgRNA Positive Control		25 µL	2
VSGM11986	Edit-R Mouse All-in-one Ppib mCMV Lentiviral sgRNA Positive Control		25 µL	2
VSGM12123	Edit-R Mouse All-in-one Ppib mCMV-EGFP Lentiviral sgRNA Positive Control		25 µL	2
VSGM11988	Edit-R Mouse All-in-one Ppib hEF1a Lentiviral sgRNA Positive Control		25 µL	2
VSGM12127	Edit-R Mouse All-in-one Ppib hEF1a-EGFP Lentiviral sgRNA Positive Control		25 µL	2

Pending Production

## Shipping and storage

Store at –80 °C. Edit-R All-in-one Lentiviral sgRNA Controls are shipped on dry ice and should be stored in a –80 °C freezer upon arrival. Edit-R lentiviral particles will remain stable for at least one year without any appreciable loss in titer. When ready to use, thaw the viral particles on ice. The viral titers indicated above for each sample are determined from an aliquot that has been through one freeze-thaw. The vials in this package have not been thawed; therefore, the indicated titers are accurate for the first thaw. However, every subsequent freeze-thaw may result in a decrease in titer of two to five-fold. Any viral particles remaining after the first thaw can be aliquoted into smaller volumes and stored at –80 °C.

## Classification of Edit-R lentiviral sgRNA controls

Edit-R viral particles are not capable of causing permanent disability, life-threatening or fatal disease in otherwise healthy humans or animals, and therefore are not classified as infectious substances under IATA and DOT guidelines.

## Description of goods

Replication incompetent viral-like particles of human, mouse, and/or rat origin; intended use is for research purposes only.

Proper packaging and labeling of shipments will be utilized to ensure safe and timely transit of Edit-R sgRNA products.

## For more information

To find the contact information in your country for your technology of interest, please visit us at [horizondiscovery.com/contact-us](http://horizondiscovery.com/contact-us)

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