



## Color-Switch CRE Reporter Stable Cell Line

Catalog Number	Product Name / Description	Amount
<a href="#">SC018-Bsd</a>	<b>CRE reporter cell line (Bsd):</b> <b>HEK293-loxP-GFP- RFP (Bsd).</b> Cell line expresses "LoxP-GFP-stop-LoxP-RFP" cassette with <b>blastidicin</b> antibiotic marker.	1 vial of cells (1.0 ml, 2 x 10 <sup>6</sup> cells) in cell frozen medium
<a href="#">SC018-Neo</a>	<b>CRE reporter cell line:</b> <b>HEK293-loxP-GFP- RFP (Neo).</b> Cell line expresses "LoxP-GFP-stop-LoxP-RFP" cassette with <b>Neomycin</b> antibiotic marker.	1 vial of cells (1.0 ml, 2 x 10 <sup>6</sup> cells) in cell frozen medium
<a href="#">SC018-Puro</a>	<b>CRE reporter cell line:</b> <b>HEK293-loxP-GFP- RFP (Puro).</b> Cell line expresses "LoxP-GFP-stop-LoxP-RFP" cassette with <b>Puromycin</b> antibiotic marker.	1 vial of cells (1.0 ml, 2 x 10 <sup>6</sup> cells) in cell frozen medium
<a href="#">SC071-Neo</a>	<b>CRE reporter cell line:</b> <b>HeLa-loxP-GFP- RFP (Neo).</b> Cell line expresses "LoxP-GFP-stop-LoxP-RFP" cassette with <b>Neomycin</b> antibiotic marker.	1 vial of cells (1.0 ml, 2 x 10 <sup>6</sup> cells) in cell frozen medium
<a href="#">SC071-Puro</a>	<b>CRE reporter cell line:</b> <b>HeLa-loxP-GFP- RFP (Puro).</b> Cell line expresses "LoxP-GFP-stop-LoxP-RFP" cassette with <b>Puromycin</b> antibiotic marker.	1 vial of cells (1.0 ml, 2 x 10 <sup>6</sup> cells) in cell frozen medium

**Storage:** Liquid Nitrogen;

### Product Description

**CRE recombinase**, from bacteriophage P1, catalyzes recombination between 34 base-pair target sequences called lox sites and can join individual plasmids containing lox sites. CRE recombination provides an excellent tool for conditional gene targeting in transgenic animal models by linking genotypic alterations to the biological outcomes (phenotypes).



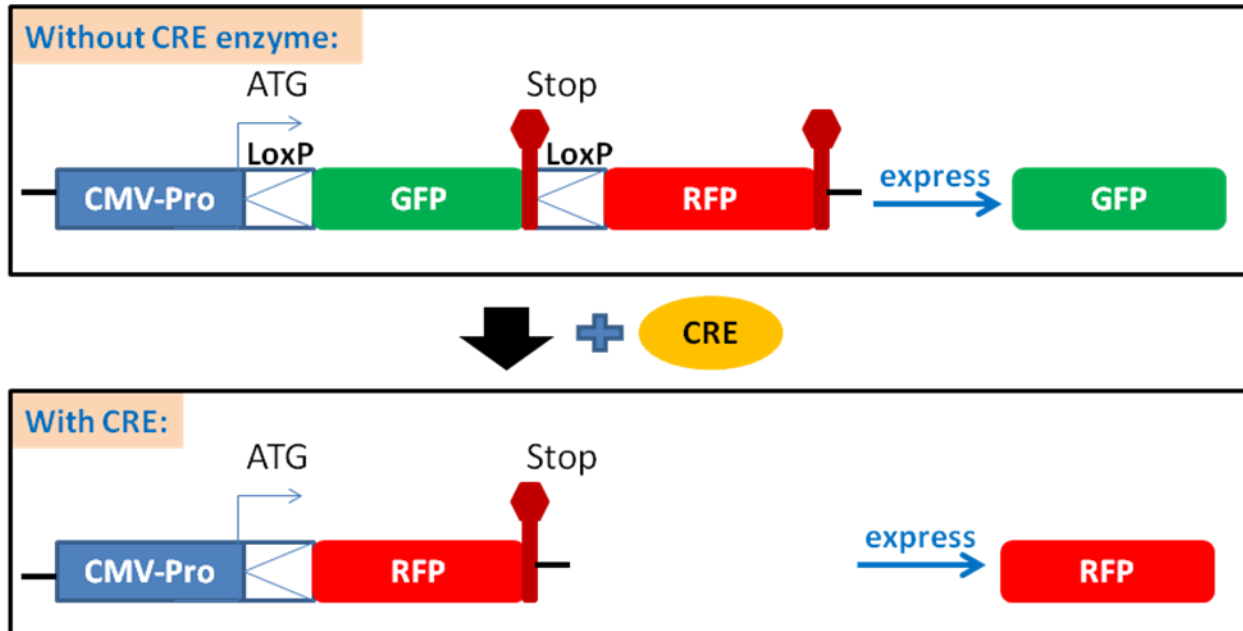
By inserting a "LoxP-flanked expression target" into a host's genome, target expression can be controlled via CRE recombinase. Expression of LoxP-flanked target genes may occur prior to the addition of CRE enzyme; when CRE is applied, it deletes the LoxP flanked target segment and stops the target expression. Simultaneously, CRE-mediated recombination can activate expression of a second target downstream from the deleted segment.

CRE-LoxP recombination depends upon an effective CRE enzyme delivery *in vivo*. GenTarget provides [pre-made CRE expression lentiviral particles](#) which are engineered with a NLS (nuclear localization signal) element, providing high efficiency delivery of the expressed CRE protein into cell nuclear where the recombination occurs.

In order to monitor and to confirm the CRE-LoxP recombination event, GenTarget also generates the **CRE reporting cell lines**. Those stable cell lines are derived from either HEK293 cell line or Human Hela cell line. [**Note:** GenTarget provides the **CRE reporting lentivirus** (CAT#: [LVP460](#)), for make your own CRE reporting cell line in your desired host cell types] .

The HEK293 Cell Line is a permanent line established from primary embryonic human kidney transformed with sheared human adenovirus type 5 DNA. The expressed E1A adenovirus gene allows these cells to produce very high levels of protein. The CRE reporting cell line's genome has integrated with a CRE recombination response, "**Color-Switch segment**" (see DNA insertion scheme below). Each cell line has also integrated with an antibiotic selection marker under a RSV promoter (not showed in the scheme below), thus each cell line has a specific antibiotic marker, blasticidin (Bsd), Puromycin (puro) or Neomycin (Neo) for selection purpose when applicable.

HeLa cell line is an immortal cell line derived from cervical cancer cells taken from a female patient, Henrietta Lacks, in year 1951. The cell line was found to be remarkably durable and prolific. It is the oldest and most commonly used human cell line in all kinds of biomedical research, such as studying the effects of diseases or developing medications and vaccines, and play an invaluable role in medicine.



## How it works:

The CRE reporting cell lines are used to monitor or confirm the efficiency of CRE recombination *in vivo*. It is a great method and easy tool to verify the performance of your CRE enzyme (your CRE expression plasmids, or pre-made CRE expression lentivirus, or purified CRE enzyme) in vivo conditions. It is also a control test to verify your CRE-loxP based system.

The cell line demonstrates strong **GFP** (Green Fluorescent signal). The downstream **RFP** (Red Fluorescent Protein) was not expressed because of the stop codon after the GFP. Once the CRE protein is present in nuclear, the CRE excises / deletes the DNA fragment between two loxP sites, which removes the stop codon (see the DNA structure scheme above). As a result, the RFP is then expressed, and the cell line switches to RFP fluorescent. The GFP and RFP signal can be easily monitored via fluorescent cell sorting (for the ratio between GFP and RFP cells), or visualized under Fluorescent microscope, or measured the fluorescent intensity if desired.

## **Notes:**

\*Like any mammalian pol II promoter, the CMV promoter seek any possible ORFs, and in some cell types, it can slightly express the 2nd ORF (the RFP in this case) which is considered the basal or leaking RFP signal.



\*\* If CRE does not deliver into all cells, you may see some GFP positive cells after the CRE addition.

\*\*\*Also, because some cells may integrate multiple copies of the LoxP-GFP-LoxP-RFP cassette, you may observe both GFP and RFP signals in a few cells after the addition of CRE recombinase. The important observation is the dramatic increase in RFP positive cells following addition of CRE. And the RFP/GFP intensity ratio reflects the CRE recombination rate.

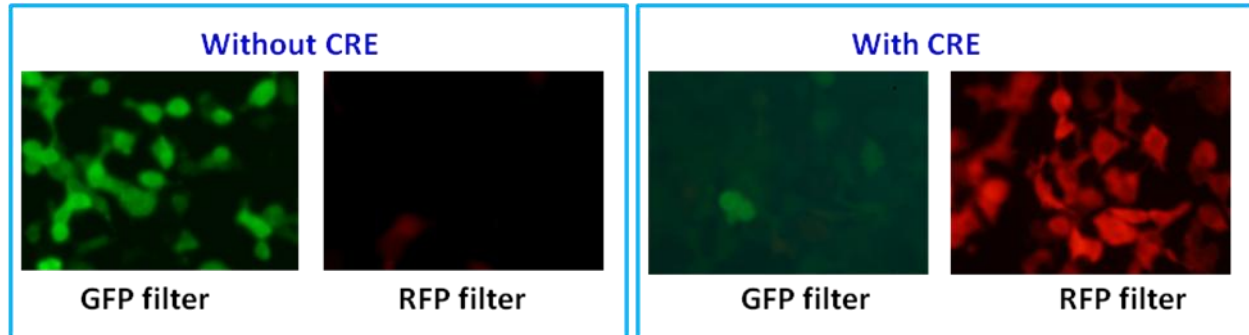
## Application protocol:

1. Culture the cell in completed medium (see **Culture procedures** below):  
The CRE reporting cell lines express GFP without any treatment. Seed cells into 24-well plate at appropriate cell density (like  $1 \sim 2 \times 10^5$  cells/per well), incubate 37°C, 5% CO<sub>2</sub> for overnight;
2. CRE enzyme delivery:  
One the 2nd day when the cell density at 50% ~ 75% confluent, add CRE enzyme as follows:
  - a. Simply add 50ul of pre-made CRE expression lentiviral particles (see GenTarget's [pre-made CRE expression lentiviral particles](#) product page).
  - b. Transfect your CRE expression plasmid using a transfection lipids (like LF2k or Fugene).
  - c. Add purified nuclear membrane penetrating CRE protein directly into cell culture.

(**Note:** remember to set the negative control wells without adding CRE, and you may also set the positive control wells by adding 50ul of GenTarget's NLS-CRE expression lentiviral particles, Cat#: [LVP297](#), [LVP336](#), [LVP339](#) and others).
3. CRE recombination reaction detection:  
The RFP signal will gradually show up and peaked at 48 hours or longer times (dependent upon CRE delivery methods) after the CRE delivery. The RFP/GFP cell population ratio or the RFP signal intensity reflects the CRE-LoxP recombination efficiency (rate). You can sort the cell by FACS machine, fluorescent meters, or visualize the RFP positive cell under fluorescent microscope.



## Sample images of CRE-loxP recombination detection:



**Left panel / without CRE:** CRE reporter cell line (Cat#: **SC018-Bsd**) was cultured in completed. Images were taken under microscope with GFP filter set (Ex 490nm/Em 525nm) and RFP filter set (Ex 545nm/Em 620nm).

**Right panel / with CRE:** CRE reporter cell line (Cat#: **SC018-Bsd**) was cultured in completed in 24-well plate. 50ul of CRE expression lentiviral particle (Cat#: **LVP339**) was added into the cells in one well. Images were taken at ~ 72 hours after the addition of CRE expression lentivirus.

## Culture procedures

1. Thaw the frozen vial of cells quickly in a 37°C water bath (1~3min), decontaminate the outside of the vial with 70% ethanol.
2. Transfer the entire contents of the cryovial into a T-75 cm<sup>2</sup> flask containing 20 ml of pre-warmed complete medium. Incubate the cells overnight in a 37°C incubator, 5% CO<sub>2</sub>.
3. On the following day, replace the medium with 20 ml of prewarmed, complete medium.
4. Incubate the cells and monitor cell density.
5. Pass cells (1:5 to 1:10 dilution) using 0.25% Trypsin-EDTA solution when the culture reaches ~90% confluent.
6. Freeze cells at a density of ~3 x 10<sup>6</sup> cells/ml using 90% complete medium with 10% DMSO.

## Complete medium

DMEM (high glucose) for HEK293 Cells, or MEM for HeLa Cells,  
2mM L-glutamine  
10% Fetal Bovine Serum (FBS)  
0.1 mM MEM Non-Essential Amino Acids (NEAA)  
1% Pen-strep / Antibiotic-antimycoplasma



- Optional to add: Depend upon product, add final **0.5 ug/ml** of Puromycin or **10 ug/ml** of Blastidicin, or 50 ug/ml **G418** (Note: do not add antibiotic at 1st time thaw culture).

## Quality Control

Each vial contains  $\sim 2 \times 10^6$  cells with >95% viability before freezing. Cells are verified to be free of bacteria, viruses, and mycoplasma.

## Warranty and user terms

- 1) This product is warranted to perform as described when used in accordance with this manual. GenTarget's sole remedy for breach of warranty should be, at the option of GenTarget, to repair or replace the product if this product does not meet the stated quality standard.
- 2) By paying the purchase price, the buyer is granted a non-transferable, non-exclusive license to use the product. This product is sold **for research and development purposes only**. For commercial use, please contact GenTarget Inc for license.
- 3) This product is limited to the laboratory that the product is delivered to. This Product is not for resale, distribution, or transfer for any purpose, including transfer of the Product as a component of any product(s); GenTarget will retain all rights for this Product's license and other intellectual property.
- 4) This Product should be used only for non-profit purposes including any products and services usages; furthermore, **research use only** means that this product is excluded, without limitation, from resale, repackaging, or modification for the making or selling of any commercial product(s) or service(s) without the written approval of GenTarget. You may contact our Business Development department at [support@gentarget.com](mailto:support@gentarget.com) for product proprietary information.
- 5) GenTarget is not liable, and does not have any responsibility or liability, whatsoever for any direct and indirect, consequential, or other damages resulting from using this Product.
- 6) GenTarget **do not** provide the protected reporter's sequences information for all our cell line products.

**Attachment:** GenTarget's pre-made stable cell line list:

<b>Catalog #</b>	<b>Product Name</b>
<a href="#">TLV-C</a>	HEK293-TLV lentivirus packing cells
<a href="#">SC001</a>	HEK293-GFP stable cells



<a href="#">SC002-Bsd</a>	luciferase (firefly), HEK293 stable cells (Blasticidin)
<a href="#">SC002-GB</a>	luciferase (firefly), HEK293 stable cells (GFP-Blasticidin)
<a href="#">SC002-GP</a>	luciferase (firefly), HEK293 stable cells (GFP-Puromycin)
<a href="#">SC002-Neo</a>	luciferase (firefly), HEK293 stable cells (Neomycin)
<a href="#">SC002-Puro</a>	luciferase (firefly), HEK293 stable cells (Puromycin)
<a href="#">SC002-RB</a>	luciferase (firefly), HEK293 stable cells (RFP, Blasticidin)
<a href="#">SC002-RP</a>	luciferase (firefly), HEK293 stable cells (RFP-Puromycin)
<a href="#">SC002T-RP</a>	HEK293T / Luciferase stable cells (RFP-Puromycin)
<a href="#">SC003</a>	LacZ (6His, RFP) / HEK293 Expression stable cell line
<a href="#">SC004-Bsd</a>	CRE Expression / HEK293 Cell Line (Bsd)
<a href="#">SC004-GP</a>	CRE Expression / HEK293 Cell Line (GFP, Puro)
<a href="#">SC004-Neo</a>	CRE Expression / HEK293 Cell Line (Neo)
<a href="#">SC004-Puro</a>	CRE Expression / HEK293 Cell Line (Puro)
<a href="#">SC004-RB</a>	CRE Expression / HEK293 Cell Line (RFP, Bsd)
<a href="#">SC004-RP</a>	CRE Expression / HEK293 Cell Line (RFP, Puro)
<a href="#">SC005-Bsd</a>	HEK293-TetR (Bsd)
<a href="#">SC005-GB</a>	HEK293-TetR (GFP-Bsd)
<a href="#">SC005-Hygro</a>	HEK293-TetR (Hygro)
<a href="#">SC005-Neo</a>	HEK293-TetR (Neo)
<a href="#">SC005-Puro</a>	HEK293-TetR (Puro)
<a href="#">SC005-RB</a>	HEK293-TetR (RFP-Bsd)
<a href="#">SC005-RP</a>	HEK293-TetR (RFP-Puro)
<a href="#">SC006</a>	Flp recombinase Expression HEK293 stable cell
<a href="#">SC007</a>	HEK293-RFP stable cells





<a href="#">SC008</a>	GFP-LacZ & RFP Expression HEK293 Cell Line
<a href="#">SC009</a>	GFP & RFP / HEK293 stable cells
<a href="#">SC010</a>	HEK293-CFP stable cells
<a href="#">SC011</a>	HEK293-YFP stable cells
<a href="#">SC012</a>	TAT Expression / HEK293 Cell Line
<a href="#">SC013</a>	Glutamine Synthetase (6His) Expression HEK293 Cell Line
<a href="#">SC014</a>	human P53 Inducible Expression Cell line
<a href="#">SC015</a>	Human OCT3/4 Expression Stable cells
<a href="#">SC016</a>	Human LIN28 Expression stable cells
<a href="#">SC017</a>	MDA-MB-231 / niRFP (Puro) Stable Cell Line
<a href="#">SC018-Bsd</a>	Color Switch, CRE report cell line: HEK293-loxP-GFP-RFP (Bsd)
<a href="#">SC018-Neo</a>	Color Switch, CRE report cell line: HEK293-loxP-GFP-RFP Neo
<a href="#">SC018-Puro</a>	Color Switch, CRE report cell line: HEK293-loxP-GFP-RFP (Puro)
<a href="#">SC019</a>	Firefly & Renilla Dual Luciferase Hela Cell Line
<a href="#">SC020-Puro</a>	luciferase (Renilla), HEK293 stable cells (Puromycin)
<a href="#">SC020-RP</a>	luciferase (Renilla), HEK293 stable cells (RFP-Puromycin)
<a href="#">SC021-GB</a>	Luciferase (firefly) & CRE Expression cell line (GFP-Bsd)
<a href="#">SC021-Puro</a>	Luciferase (firefly) & CRE Expression stable cell line (Puro)
<a href="#">SC021-RP</a>	Luciferase (firefly) & CRE Expression cell line (RFP-Puro)
<a href="#">SC022-RB</a>	HEK293-CFTR cell line with RFP and Blastidicin dual marker
<a href="#">SC023-RB</a>	HEK293-CLCN2 cell line with RFP and Blastidicin dual marker
<a href="#">SC024-RB</a>	HEK293-TRPC3 cell line with RFP and Puromycin dual marker
<a href="#">SC025-RB</a>	HEK293-KCNN4 cell line with RFP and Puromycin dual marker





<a href="#">SC026-RB</a>	HEK293-ATP2B2 cell line with RFP and Puromycin dual marker
<a href="#">SC027-RB</a>	HEK293-TRPV1 cell line with RFP and Puromycin dual marker
<a href="#">SC028</a>	Inducible RFP HEK293 Expression cell line
<a href="#">SC029</a>	inducible RFP HEK293 stable cell line with GFP marker
<a href="#">SC030</a>	inducible GFP HEK293 stable cell line with RFP marker
<a href="#">SC031-Puro</a>	Hela-RFP Expression Cells
<a href="#">SC032-Bsd</a>	Luciferase (firefly) Expression Hela cells (Bsd)
<a href="#">SC032-GB</a>	Luciferase & GFP Expression Hela cells (Bsd)
<a href="#">SC032-GN</a>	Luciferase & GFP Expression Hela cells (Neo)
<a href="#">SC032-GP</a>	Luciferase & GFP Expression Hela cells (Puro)
<a href="#">SC032-Puro</a>	Luciferase (firefly) Expression Hela cells (Puro)
<a href="#">SC032-RB</a>	Luciferase & RFP Expression Hela cells (Bsd)
<a href="#">SC032-RN</a>	Luciferase & RFP Expression Hela cells (Neo)
<a href="#">SC032-RP</a>	Luciferase & RFP Expression Hela cells (Puro)
<a href="#">SC033</a>	Inducible GFP HEK293 stable cell line
<a href="#">SC034-Bsd</a>	Hela-GFP stable cells (Blasticidin)
<a href="#">SC034-Puro</a>	Hela-GFP stable cells (Puromycin)
<a href="#">SC035-Puro</a>	TetR Expression (Puro) / Hela stable cells
<a href="#">SC036</a>	Inducible GFP Expression Hela cell line
<a href="#">SC037</a>	Inducible RFP Expression Hela cell line
<a href="#">SC038-GB</a>	rtTA (GFP-Bsd) / Hela stable cells
<a href="#">SC038-GP</a>	rtTA (GFP-Puro) / Hela stable cells
<a href="#">SC038-RB</a>	rtTA (RFP-Bsd) / Hela stable cells
<a href="#">SC039-Bsd</a>	CHO-GFP stable cells (Blasticidin)



<a href="#">SC039-Puro</a>	CHO-GFP stable cells (Puromycin)
<a href="#">SC040-Bsd</a>	MDA-MB-231 / GFP (Bsd) Stable Cell Line
<a href="#">SC040-Puro</a>	MDA-MB-231 / GFP (Puro) Stable Cell Line
<a href="#">SC040-TetR</a>	MDA-MB-231 / TetR (Puro) stable cells
<a href="#">SC041</a>	MDA-MB-231 / Luciferase-2A-RFP Stable Cell Line
<a href="#">SC042</a>	SH-SY5Y / GFP (Puromycin) stable cell line
<a href="#">SC043-Bsd</a>	A549 / GFP stable cells (Blasticidin)
<a href="#">SC043-Cas9-GP</a>	A549 / Cas9 (GFP-Puro) Stable Cell Line
<a href="#">SC043-Cas9-Puro</a>	A549 / Cas9 (Puro) Stable Cell Line
<a href="#">SC043-Cas9-RP</a>	A549 / Cas9 (RFP-Puro) Stable Cell Line
<a href="#">SC043-LG</a>	A549 / Luciferase-2A-GFP (Puromycin) stable cell line
<a href="#">SC043-Luc</a>	A549 / Luciferase (Puromycin) stable cell line
<a href="#">SC043-TetR</a>	A549 / TetR (Puro) stable cells
<a href="#">SC044</a>	MDA-MB-231 / Luciferase-2A-GFP Stable Cell Line
<a href="#">SC045-Cas9-Bsd</a>	Hela / Cas9 (Bsd) Stable Cell Line
<a href="#">SC045-Cas9-Puro</a>	Hela / Cas9 (Puro) Stable Cell Line
<a href="#">SC046</a>	SH-SY5Y / RFP (Puromycin) stable cell line
<a href="#">SC047-GB</a>	RKO / GFP (Blasticidin) Stable Cell Line
<a href="#">SC047-TetR</a>	TetR Expression (Bsd) / RKO stable cells
<a href="#">SC048</a>	Luciferase (Puro) / Jurkat T Cell line
<a href="#">SC049-1</a>	Jurkat T / GFP Stable Cell (EF1a Promoter)
<a href="#">SC049-2</a>	Jurkat T / GFP Stable Cell (Flt1 Promoter)
<a href="#">SC049-3</a>	Jurkat T / GFP Stable Cell (CD43 Promoter)
<a href="#">SC049-4</a>	Jurkat T / GFP Stable Cell (CD68 Promoter)



<a href="#">SC049-5</a>	Jurkat T / GFP Stable Cell (Survivin Promoter)
<a href="#">SC050-G</a>	MCF7 / GFP (Puromycin) Cell Line
<a href="#">SC050-L</a>	MCF7 / Firefly Luciferase (Puro) Cell Line
<a href="#">SC051-G</a>	ZR-75-1 / GFP (Puromycin) Cell Line
<a href="#">SC051-L</a>	ZR-75-1 / Firefly Luciferase (Puro) Cell Line
<a href="#">SC053-L</a>	NCI-H1299 / Luciferase (Puro) Stable Cells
<a href="#">SC054-L</a>	CFPAC-1 / Luciferase (Puro) Stable Cells
<a href="#">SC055-G</a>	MLLB2 / GFP (Neomycin) stable cell line
<a href="#">SC056-TetR</a>	mouse CT26 / TetR Expression (Bsd) stable cells
<a href="#">SC057-Bsd</a>	MDA-MB-231 / RFP (Bsd) Stable Cell Line
<a href="#">SC058</a>	HEK293 / uGFP (unstable GFP) Stable Cells
<a href="#">SC059-Bsd</a>	MDA-MB-231 / Luciferase (Bsd) Stable Cell Line
<a href="#">SC059-Puro</a>	MDA-MB-231 / Luciferase (Puro) Stable Cell Line
<a href="#">SC060-G</a>	Human B lymphocyte / GFP Stable Cells
<a href="#">SC060-LG</a>	Human B lymphocyte (Luciferase / GFP) Stable Cells
<a href="#">SC060-LR</a>	Human B lymphocyte (Luciferase / RFP) Stable Cells
<a href="#">SC060-R</a>	Human B lymphocyte / RFP Stable Cells
<a href="#">SC061-G</a>	Mouse CT26 / GFP Stable Cells
<a href="#">SC061-LG</a>	Mouse CT26 (Luciferase & GFP) Stable Cells
<a href="#">SC061-LR</a>	Mouse CT26 (Luciferase & RFP) Stable Cells
<a href="#">SC061-PDL1</a>	Mouse CT26 / PDL1 Stable Cells
<a href="#">SC061-R</a>	Mouse CT26 / RFP Stable Cells
<a href="#">SC062-G</a>	Human AsPC1 / GFP Cell Line
<a href="#">SC062-LG</a>	Human AsPC1 / Luciferase and GFP Cell Line



<a href="#">SC062-LR</a>	Human AsPC1 / Luciferase and RFP Cell Line
<a href="#">SC062-Luc</a>	Human AsPC1 / Luciferase Cell Line
<a href="#">SC062-R</a>	Human AsPC1 / RFP Cell Line
<a href="#">SC063-LR</a>	Mouse B lymphocyte (Luciferase & RFP) Stable Cell
<a href="#">SC063-Luc</a>	Mouse B lymphocyte / Luciferase Cell Line
<a href="#">SC063-R</a>	Mouse B lymphocyte / RFP Cell Line
<a href="#">SC065-G</a>	Mouse MB49 / GFP Stable Cells
<a href="#">SC065-LG</a>	Mouse MB49 / Luciferase & GFP Stable Cells
<a href="#">SC065-LR</a>	Mouse MB49 / Luciferase & RFP Stable Cells
<a href="#">SC065-R</a>	Mouse MB49 / RFP Stable Cells
<a href="#">SC066-G</a>	Human ES2 / GFP Stable Cells
<a href="#">SC066-LG</a>	Human ES2 / Luciferase & GFP Stable Cells
<a href="#">SC066-LR</a>	Human ES2 / Luciferase & RFP Stable Cells
<a href="#">SC066-R</a>	Human ES2 / RFP Stable Cells
<a href="#">SC066-TetR</a>	Human ES2 / TetR (Puro) Stable Cells
<a href="#">SC067-G</a>	Human SW403 / GFP Stable Cells
<a href="#">SC067-Luc</a>	Human SW403 / Luciferase Stable Cells
<a href="#">SC068-G</a>	Human PANC-1 / GFP (Puro) Cell Line
<a href="#">SC068-LG</a>	Human PANC-1 / Luciferase & GFP (Puro) Cell Line
<a href="#">SC068-Luc</a>	Human PANC-1 / Luciferase (Puro) Cell Line
<a href="#">SC068-R</a>	Human PANC-1 / RFP (Puro) Cell Line
<a href="#">SC069-G</a>	Human 786-O / GFP Cell Line
<a href="#">SC069-LG</a>	Human 786-O / Luciferase & GFP Cell Line
<a href="#">SC069-luc</a>	Human 786-O / Luciferase Cell Line



<a href="#">SC070-G</a>	Hela-nucGFP stable cells
<a href="#">SC070-R</a>	Hela-nucRFP stable cells
<a href="#">SC071-Neo</a>	Color Switch, CRE report cell line: Hela-loxP-GFP-RFP (Neo)
<a href="#">SC071-Puro</a>	Color Switch, CRE report cell line: Hela-loxP-GFP-RFP (Puro)
<a href="#">SC072-G</a>	Human T47D / GFP Stable Cells
<a href="#">SC072-LG</a>	Human T47D / Luciferase & GFP Stable Cells
<a href="#">SC072-Luc</a>	Human T47D / Luciferase Stable Cells
<a href="#">SC073-GB</a>	Human MCF10A / GFP (Bsd) Stable Cells
<a href="#">SC073-GP</a>	Human MCF10A / GFP (Puro) Stable Cells
<a href="#">SC073-Luc</a>	Human MCF10A / Luciferase (Puro) Stable Cells
<a href="#">SC074-GB</a>	Human SW1990 / GFP (Bsd) Stable Cells
<a href="#">SC074-GP</a>	Human SW1990 / GFP (Puro) Stable Cells
<a href="#">SC074-LG</a>	Human SW1990 / Luciferase & GFP (Puro) Stable Cells
<a href="#">SC074-Luc</a>	Human SW1990 / Luciferase (Puro) Stable Cells
<a href="#">SC075</a>	Human ACE2 (RFP) Expression in Hela Cell Line
<a href="#">SC076</a>	Human ACE2 (RFP) Expression in HEK293T Cell Line
<a href="#">SC076B</a>	Human ACE2 (GFP) Expression in Hela Cell Line
<a href="#">SC077</a>	COVID-19 Spike (S) Protein / Hela Cell Line
<a href="#">SC078-G</a>	Mouse Panc02 / GFP Stable Cell Line
<a href="#">SC078-Luc</a>	Mouse Panc02 / Luciferase (Firefly) Stable Cell Line
<a href="#">SC079-G</a>	Human MIA Paca-2 / GFP Stable Cells
<a href="#">SC079-LG</a>	Human MIA Paca-2 / Luciferase & GFP Stable Cells
<a href="#">SC079-LR</a>	Human MIA Paca-2 / Luciferase & RFP Stable Cells
<a href="#">SC079-Luc</a>	Human MIA Paca-2 / Luciferase Stable Cells



<a href="#">SC079-R</a>	Human MIA Paca-2 / RFP Stable Cells
<a href="#">SC080-G</a>	Human HT-29 / GFP Stable Cell Line
<a href="#">SC080-LG</a>	Human HT-29 / GFP & Luciferase Stable Cell Line
<a href="#">SC080-Luc</a>	Human HT-29 / Luciferase (Firefly) Stable Cell Line
<a href="#">SC081</a>	Inducible GFP & Luciferase Co-Expression HEK293 cell line
<a href="#">SC082</a>	HEK293 / Cas9 Expression Stable Cell Line
<a href="#">SC083</a>	HEK293 / h PDL1 Expression Stable Cells
<a href="#">SC084-G</a>	Human U2OS / GFP Stable Cells
<a href="#">SC084-LG</a>	Human U2OS / Luciferase & GFP Stable Cells
<a href="#">SC084-Luc</a>	Human U2OS / Luciferase Stable Cells
<a href="#">SC085-LG</a>	Human SHP-77 / <b>Luciferase</b> & <b>GFP</b> Stable Cells
<a href="#">SC085-LR</a>	Human SHP-77 / <b>Luciferase</b> & <b>RFP</b> Stable Cells
<a href="#">SC085-Luc</a>	Human SHP-77 / <b>Luciferase</b> Stable Cells
<a href="#">SC085-R</a>	Human SHP-77 / <b>RFP</b> Fluorescent Stable Cells
<a href="#">SC086</a>	CHO / CD19 & GFP Expression Stable Cell Line
<a href="#">SC087</a>	HEK293 / human CD19 Expression Stable Cell Line