

## Certificate of Analysis

**rLV.EF1.ZsGreen1-9**  
**0038VCT/ 0010VCT**

**rV2.1A1.8159 C2**  
rLV: lentiviral vector/ EF1 : Elongation Factor 1 alpha promoter / ZsGreen

User manuals are available at: <https://www.takarabio.com/>.

**BIOLOGICAL PRODUCTS:** Defective lentiviral based vectors expressing a sequence of interest

Country of Origin : FRANCE

|  | Result  | Unit  | Specification         |
|--|---------|---|-----------------------|
| Titer ( <i>qPCR analytical results</i> )   | 5.5E+09 | IG/mL<br><small>IG : Integrative Genome</small> | $\geq 1.0 \cdot 10^9$ |
| Microscopic observation (ssi organelle) ou<br>Fluorescence detection<br>(fluorescence expression validation) | Passed  |   |                       |

Toulouse, the 8th of November, 2022



Stéphanie ROUVELLAC  
Quality Control Technician

### STORAGE: -80°C

The viral vectors must be kept at -80°C immediately upon receipt.

**SHELF Life** : 1 year from date of receipt under proper storage conditions.

### THAWING PROTOCOL

Immediately upon removal from -80°C storage, the vials must be placed directly on ice. Once thawed on ice, place the vials at room temperature just before cell transduction.

### VECTOR DILUTION

To dilute the vectors, use a cell culture medium or PBS at room temperature just before cell transduction in order to avoid a thermal shock once the vectors have thawed.

The use of **gloves** and **disposable lab coats** when working with viral derived vectors is strongly recommended. This product must be handled only inside a biological safety cabinet with BSL-2 + precautions. The manufacturing of our products is carried out in mycoplasma free cells and in a Biosafety Level 2 facility monitored for microbiological contamination.

The use of lentiviral derived vectors requires laboratory biosafety procedures and practices in accordance with your country regulations:

<http://www.cdc.gov/biosafety/publications/bmb15/index.htm>

[http://www.hautconseildesbiotechnologies.fr/IMG/pdf/Manuel\\_HCB\\_utilisation\\_confinee\\_OGM.pdf](http://www.hautconseildesbiotechnologies.fr/IMG/pdf/Manuel_HCB_utilisation_confinee_OGM.pdf)

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**SYMBOL :**



**CLASSIFICATION : Biorisk class 2 and BSL 2 for use**