

## Certificate of Analysis

**rLV.EF1.Tet3G-9**  
**0027VCT/0055VCT**

**rV2.1A1.2151 C2**

rLV: lentiviral vector/ EF1 : Elongation Factor 1 alpha promoter / TetOn®3G  
rLV.EF1.Tet3G-9 contains the Tet-On®3G Transactivator.

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> ) | 2.3E+09 | TU/mL<br>TU : Transducing Units | $\geq 1.0 \cdot 10^9$ |

Re-titration 2019/04/18  
Toulouse, the 16 of October, 2019



Anaïs COUFFIN  
Quality Control Officer

### 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/bmbI5/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**

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