

Certificate of Analysis

rLV.EF1.tdTomato-9
0008VCT / 0036VCT
rV2.1A1.9359 C2

rLV: lentiviral vector/ EF1 : Elongation Factor 1 alpha promoter / tdTomato

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>)	1.2E10	IG/mL IG : Integrative Genome	$\geq 1.0 \cdot 10^9$
Microscopic observation (ssi organelle) ou Fluorescence detection (fluorescence expression validation)	Passed		

Toulouse, the 19th of March, 2024

Yohan BACQUIER
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

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SYMBOL :



CLASSIFICATION : Biorisk class 2 and BSL 2 for use