

# Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

## ZIKV\_Sensor\_27B\_LacZ

RRID:Addgene\_75006

Type: Plasmid

### Proper Citation

RRID:Addgene\_75006

### Plasmid Information

**URL:** <http://www.addgene.org/75006>

**Proper Citation:** RRID:Addgene\_75006

**Insert Name:** ZIKV\_sensor\_27B\_LacZ

**Organism:** Synthetic

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:27160350](#)

**Vector Backbone Description:** Backbone Marker:EMD Millipore; Vector Backbone:pCOLA Duet; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

**Plasmid Name:** ZIKV\_Sensor\_27B\_LacZ

**Record Creation Time:** 20220422T222456+0000

**Record Last Update:** 20260905T080106+0000

### Ratings and Alerts

No rating or validation information has been found for ZIKV\_Sensor\_27B\_LacZ.

No alerts have been found for ZIKV\_Sensor\_27B\_LacZ.

### Data and Source Information

**Source:** [Addgene](#)

### Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

Jaenes K, et al. (2022) Design to Implementation Study for Development and Patient Validation of Paper-Based Toehold Switch Diagnostics. Journal of visualized experiments : JoVE(184).

Park S, et al. (2021) Detection of Coronaviruses Using RNA Toehold Switch Sensors. International journal of molecular sciences, 22(4).

Lavickova B, et al. (2019) A Simple, Robust, and Low-Cost Method To Produce the PURE Cell-Free System. ACS synthetic biology, 8(2), 455.