

# Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

## psiCHECK-2 SV40 Cyclone-RLuc

RRID:Addgene\_247494

Type: Plasmid

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### Proper Citation

RRID:Addgene\_247494

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### Plasmid Information

**URL:** <http://www.addgene.org/247494>

**Proper Citation:** RRID:Addgene\_247494

**Insert Name:** Renilla luciferase gene with Cyclone insertion

**Organism:** Synthetic

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:41184552](#)

**Vector Backbone Description:** Backbone Marker:Promega; Backbone Size:5337; Vector Backbone:psiCHECK-2; Vector Types:Mammalian Expression, Luciferase, Synthetic Biology; Bacterial Resistance:Ampicillin

**Comments:** Please note: This plasmid contains a 64bp insertion in the backbone likely due to an error during the Gibson assembly ligation step. This insertion does not impact plasmid function.

**Plasmid Name:** psiCHECK-2 SV40 Cyclone-RLuc

**Relevant Mutation:** Cyclone was inserted after Q288 of Renilla luciferase to gain acyclovir control.

**Record Creation Time:** 20251224T053334+0000

**Record Last Update:** 20260912T094533+0000

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### Ratings and Alerts

No rating or validation information has been found for psiCHECK-2 SV40 Cyclone-RLuc.

No alerts have been found for psiCHECK-2 SV40 Cyclone-RLuc.

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## Data and Source Information

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.