

# Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

## pPRISM-gal4-VP16-gcry-mRFP

RRID:Addgene\_117778

Type: Plasmid

---

### Proper Citation

RRID:Addgene\_117778

---

### Plasmid Information

**URL:** <http://www.addgene.org/117778>

**Proper Citation:** RRID:Addgene\_117778

**Insert Name:** gal4/VP16

**Organism:** Danio rerio

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:32412410](#)

**Vector Backbone Description:** Backbone Marker:Karl J. Clark; Backbone Size:2856; Vector Backbone:pK; Vector Types:Synthetic Biology; Bacterial Resistance:Kanamycin

**Comments:** Secondary gene is a gamma-crystallin promoter driving NLS-mRFP. Online tools and cloning help available at . gal4-VP16 should be used in conjunction with a UAS expression line. May work in additional species beyond those listed. Please note that some discrepancies were found between Addgene's quality control result and the depositor's provided sequence. The depositor noted that these discrepancies do NOT affect plasmid function. This plasmid has been found exist in our stock as a multimer. Plasmid multimerization often does not impact plasmid function, but may reduce transformation efficiencies. You may need to screen multiple colonies to isolate the monomeric version of this plasmid. If you still have trouble isolating the monomeric version, you might consider linearizing, gel extracting, re-ligating, and transforming the plasmid.

**Plasmid Name:** pPRISM-gal4-VP16-gcry-mRFP

**Record Creation Time:** 20220422T221617+0000

**Record Last Update:** 20260815T080257+0000

---

### Ratings and Alerts

No rating or validation information has been found for pPRISM-gal4-VP16-gcry-mRFP.

No alerts have been found for pPRISM-gal4-VP16-gcry-mRFP.

---

## Data and Source Information

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

---

## Usage and Citation Metrics

We have not found any literature mentions for this resource.