

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

pMV306DIG13+FFlucRT

RRID:Addgene_49998

Type: Plasmid

Proper Citation

RRID:Addgene_49998

Plasmid Information

URL: <http://www.addgene.org/49998>

Proper Citation: RRID:Addgene_49998

Insert Name: G13 promoter + Firefly luciferase Red Thermostable

Organism: Mycobacterium marinum + Photinus pyralis

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:23633686](#)

Vector Backbone Description: Backbone Size:3995; Vector Backbone:pMV306; Vector Types:Bacterial Expression, Mycobacteria integrating vector; Bacterial Resistance:Kanamycin

Comments: Note that there are some discrepancies between Addgene's quality control sequence and the depositor's assembled full sequence. The Robertson lab reports that these differences will not affect the function of the plasmid.

Plasmid Name: pMV306DIG13+FFlucRT

Relevant Mutation: Codon optimized for Mycobacterium tuberculosis with mutations to red-shift: Ile423Leu, Asp436Gly, Leu530Arg, Ser284Thr, Thr214Ala, Ala215Leu, Ile232Ala, Phe295Leu, and Glu354Lys

Record Creation Time: 20220422T222257+0000

Record Last Update: 20260902T045615+0000

Ratings and Alerts

No rating or validation information has been found for pMV306DIG13+FFlucRT.

No alerts have been found for pMV306DIG13+FFlucRT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.