

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

DENV4 Rluc Reporter GND mutant Replicon

RRID:Addgene_118586

Type: Plasmid

Proper Citation

RRID:Addgene_118586

Plasmid Information

URL: <http://www.addgene.org/118586>

Proper Citation: RRID:Addgene_118586

Insert Name: DENV4 Renilla luciferase gene (Rluc) reporter replicon containing replication-defective GND mutation in the NS5 polymerase gene.

Organism: Replicon sequence is derived from DENV4 cDNA

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20631089](#)

Vector Backbone Description: Vector Backbone:pRS424; Vector Types:Yeast-E. col shuttle vector pRS424; Bacterial Resistance:Ampicillin

Plasmid Name: DENV4 Rluc Reporter GND mutant Replicon

Relevant Mutation: The conserved GDD in the NS5 polymerase gene mutated to GND to make the replicon RNA derived from it as replication defective

Record Creation Time: 20220422T221621+0000

Record Last Update: 20260808T080547+0000

Ratings and Alerts

No rating or validation information has been found for DENV4 Rluc Reporter GND mutant Replicon.

No alerts have been found for DENV4 Rluc Reporter GND mutant Replicon.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.