Resource Summary Report

Generated by dkNET on Sep 3, 2026

pUC57-Rluc-A114-N40

RRID:Addgene_50561
Type: Plasmid

Proper Citation

RRID:Addgene_50561

Plasmid Information

URL: http://www.addgene.org/50561

Proper Citation: RRID:Addgene_50561

Insert Name: Luciferase-A114-N40

Organism: Renilla, unknown

Bacterial Resistance: Ampicillin

Defining Citation: PMID:22117217

Vector Backbone Description: Backbone Marker:GeneScript; Backbone Size:2710; Vector Backbone:pUC57; Vector Types:cloning vector; Bacterial Resistance:Ampicillin

Comments: Plasmid contains a defined A114 sequence followed by an EcoT22I site and a 40-bp arbitrary sequence downstream of Renilla lucferase. Unstable when transformed and so any retransformation must be checked by digest or sequencing before use. In strain MV1184, it is stable as a glycerol stock. Please note that the Rluc coding sequence contains an EcoT22I site. To prepare the T7 transcription template for A114 RNA (without N40), the plasmid should be first linearized by NdeI upstream of the T7 promoter sequence, followed by a partial digestion by EcoT22I. The DNA fragment terminating immediately downstream of the A114 sequence should then be gel purified. For A114-N40 RNA, the plasmid should be digested by HindIII downstream of the N40 sequence.

Plasmid Name: pUC57-Rluc-A114-N40

Record Creation Time: 20220422T222259+0000

Record Last Update: 20260902T045620+0000

Ratings and Alerts

No rating or validation information has been found for pUC57-Rluc-A114-N40.

No alerts have been found for pUC57-Rluc-A114-N40.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We have not found any literature mentions for this resource.