

Resource Summary Report

Generated by [dkNET](#) on Aug 29, 2026

[pVS2](#)

RRID:Addgene_33144

Type: Plasmid

Proper Citation

RRID:Addgene_33144

Plasmid Information

URL: <http://www.addgene.org/33144>

Proper Citation: RRID:Addgene_33144

Insert Name: LacO (256 copies)

Organism: E. coli

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18614049](#)

Vector Backbone Description: Backbone Marker:Addgene plasmid #33143; Vector Backbone:pVS1; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Comments: Addgene cannot verify or guarantee the presence of all 256 copies of LacO. This element is unstable. For use in two-plasmid-based gene-nuclear periphery tethering assay with either plasmids pAK67 (Addgene #33142). pVS2 contains 256 LacO repeats and a GAL-GFP-GALpA-reporter gene (pVS1 [Addgene #33143] is identical but does not contain the reporter gene). The reporter was previously characterized and contains a GFP open reading frame flanked by the GAL1 promoter and GAL1 3' UTR ([Abruzzi et al., 2006] and [Dower et al., 2004]). pKA67 expresses both LacI-GFP and Nup49-GFP to mark the first plasmid as well as the nuclear periphery with GFP.

Plasmid Name: pVS2

Record Creation Time: 20220422T222144+0000

Record Last Update: 20260829T080405+0000

Ratings and Alerts

No rating or validation information has been found for pVS2.

No alerts have been found for pVS2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.