

Resource Summary Report

Generated by [dkNET](#) on Aug 21, 2026

pPICZ-aC-VTS-US

RRID:Addgene_160425

Type: Plasmid

Proper Citation

RRID:Addgene_160425

Plasmid Information

URL: <http://www.addgene.org/160425>

Proper Citation: RRID:Addgene_160425

Insert Name: luciferase

Organism: Vargula tsujii

Bacterial Resistance: Bleocin (Zeocin)

Defining Citation: [PMID:33031624](#)

Vector Backbone Description: Backbone Marker:Thermo Fisher; Backbone Size:3600; Vector Backbone:pPICZ-alphaC; Vector Types:Yeast Expression, Luciferase; Bacterial Resistance:Bleocin (Zeocin)

Comments: Please note: Plasmid contains a 140bp insertion just downstream of the alpha factor secretion signal that causes a stop codon before Vargula tsujii luciferase and also contains a 6bp deletion that removes Q142-L143 from the ORF compared to the depositor's insert sequence. It is not known how these discrepancies affect the plasmid's function, though the plasmid was functional in the depositor's experiments.

Plasmid Name: pPICZ-aC-VTS-US

Relevant Mutation: See depositor comments below

Record Creation Time: 20220422T221907+0000

Record Last Update: 20260815T080842+0000

Ratings and Alerts

No rating or validation information has been found for pPICZ-aC-VTS-US.

No alerts have been found for pPICZ-aC-VTS-US.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.