

Resource Summary Report

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

pRS403-PGAL1-hpSC_URA3

RRID:Addgene_22317

Type: Plasmid

Proper Citation

RRID:Addgene_22317

Plasmid Information

URL: <http://www.addgene.org/22317>

Proper Citation: RRID:Addgene_22317

Insert Name: URA hairpin

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19745116](#)

Vector Backbone Description: Backbone Size:4456; Vector Backbone:pRS403; Vector Types:Yeast Expression, Integrating plasmid; Bacterial Resistance:Ampicillin

Comments: 339bp of URA3 sequence from pRS406 was cloned into pYES2.1 GFP weak silencing construct in the sense orientation between PvuII and XhoI (replacing the GFP) and in antisense between EcoRI and XbaI sites. The expression cassette containing GAL1 promoter, URA3 silencing construct and CYC1 terminator was moved into pRS403. The URA3 insert sequence can be found by clicking on the "View sequence" link. The rad9 intron loop is shown in upper case letters. Please note that Addgene's sequencing results found a single nucleotide mismatch in the URA3 sequence at bp#3470 when compared to the full plasmid sequence provided by the depositing laboratory. This mismatch is not a concern for the function of the plasmid.

Plasmid Name: pRS403-PGAL1-hpSC_URA3

Record Creation Time: 20220422T222059+0000

Record Last Update: 20260725T074432+0000

Ratings and Alerts

No rating or validation information has been found for pRS403-PGAL1-hpSC_URA3.

No alerts have been found for pRS403-PGAL1-hpSC_URA3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.