

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

Gal1/10 Ade S. cerevisiae expression vector (12ADE-U)

RRID:Addgene_48300

Type: Plasmid

Proper Citation

RRID:Addgene_48300

Plasmid Information

URL: <http://www.addgene.org/48300>

Proper Citation: RRID:Addgene_48300

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:8429; Vector Backbone:pRS422; Vector Types:NA; Bacterial Resistance:Ampicillin

Comments: Note: The full plasmid sequence displayed here is theoretical and may not be entirely accurate. Addgene's quality control sequencing has identified some discrepancies with the sequence, but they do not impact the plasmid's function. This plasmid is a LIC-adapted *S. cerevisiae* vector. It uses the same PCR primer tags as with most of our other vectors, so one PCR product can be inserted into many different vectors at once. This vector can complement Ade auxotrophy. Add the following tags to your PCR primers:
Note: You must add an ATG to the beginning of your open reading frame. LICvBac Forward Tag TACTTCCAATCCAATCG LicV1 Reverse Tag TTATCCACTTCCAATGTTATTA Linearize this plasmid with SspI and gel purify the product, then T4-treat with dGTP. For the PCR product, T4-treat with dCTP. Series 12 vectors are galactose inducible (using the Gal 1/10 promoter). The plasmids are cloned and propagated in *E. coli*. Plasmids are available to complement the Ade, Trp, or Ura auxotrophies. The Ade, Trp, and Ura plasmids can co-exist in the same yeast cell with no compatibility issues. We have successfully expressed 3 proteins from these 3 plasmids in the same strain (BCY123: Ade-, Trp-, Ura-). For more information, please see our website: <http://qb3.berkeley.edu/qb3/macrolab/>

Plasmid Name: Gal1/10 Ade *S. cerevisiae* expression vector (12ADE-U)

Record Creation Time: 20220422T222248+0000

Record Last Update: 20260902T045554+0000

Ratings and Alerts

No rating or validation information has been found for Gal1/10 Ade S. cerevisiae expression vector (12ADE-U).

No alerts have been found for Gal1/10 Ade S. cerevisiae expression vector (12ADE-U).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.