

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pGAL-flp(H305L)-NAT

RRID:Addgene_160380

Type: Plasmid

Proper Citation

RRID:Addgene_160380

Plasmid Information

URL: <http://www.addgene.org/160380>

Proper Citation: RRID:Addgene_160380

Insert Name: FLP1

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Yeast, Vol 14: 847–852 (1998); Backbone Size:6861; Vector Backbone:pBIS-GALkFLP(URA3); Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Comments: NAT cassette amplified from pLND46 using primers GGT GAT GAC GGT GAA AAC CTC and CTG ATG CGG TAT TTT CTC CTT ACG . Vector flp(H305L)-URA3 (Yeast, Vol. 14: 847–852 (1998))amplified with oligos TGC GTA AGG AGA AAA TAC CGC & GTC AGA GGT TTT CAC CGT CAT outwards from the URA3 region to generate linear fragment with ends complementary to the NAT cassette. Both PCRs carried out using the Primestar MAX polymerase mix (Takara).The two products were then annealed using Gibson assembly, using 3X the amount of NAT PCR product compared to the flp PCR product. 2uL of the mix transformed into NEB 5-alpha competent cells, and transformants were minipreped and checked for the correct marker replacement with BamH1-Nco1 restriction digest. New insert gives a smaller (1.2 kb) fragment than original vector (1.5kb fragment). Overexpression of flp(H305L) cures 2-micron plasmids.

Plasmid Name: pGAL-flp(H305L)-NAT

Relevant Mutation: H305L

Record Creation Time: 20221210T080251+0000

Record Last Update: 20260815T082429+0000

Ratings and Alerts

No rating or validation information has been found for pGAL-flp(H305L)-NAT.

No alerts have been found for pGAL-flp(H305L)-NAT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.