

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pPB_TRE3G_dCas9-5xGCN4_Hygro

RRID:Addgene_235572

Type: Plasmid

Proper Citation

RRID:Addgene_235572

Plasmid Information

URL: <http://www.addgene.org/235572>

Proper Citation: RRID:Addgene_235572

Insert Name: dCas9-5xGCN4

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:38724747](#)

Vector Backbone Description: Vector Backbone:pPB-TRE3G; Vector Types:CRISPR;
Bacterial Resistance:Ampicillin

Comments: Drives DOX-inducible expression of the dCas9-5xGCN4 for epigenetic editing. This is a piggyBAC plasmid that integrates into the genome and can be selected for via Hygromycin resistance. An additional TET3G insert enables the doxycycline-inducible system to operate.

Plasmid Name: pPB_TRE3G_dCas9-5xGCN4_Hygro

Relevant Mutation: D10A; H840A

Record Creation Time: 20250507T053701+0000

Record Last Update: 20260815T083244+0000

Ratings and Alerts

No rating or validation information has been found for pPB_TRE3G_dCas9-5xGCN4_Hygro .

No alerts have been found for pPB_TRE3G_dCas9-5xGCN4_Hygro .

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.