

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

pAG416GAL-ccdB

RRID:Addgene_14147

Type: Plasmid

Proper Citation

RRID:Addgene_14147

Plasmid Information

URL: <http://www.addgene.org/14147>

Proper Citation: RRID:Addgene_14147

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:17583893](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:pRS416; Vector Types:Yeast Expression, Gateway Cloning; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: Type of plasmid: CEN. This plasmid contains the Gateway technology from Invitrogen; Invitrogen requires purchasing of Gateway Clonase for carrying out the Gateway recombinational cloning reaction <http://www.invitrogen.com> Please note that the full plasmid sequence is provided as a reference only, and may not match the exact sequence of the plasmid.

Plasmid Name: pAG416GAL-ccdB

Record Creation Time: 20220422T221815+0000

Record Last Update: 20260902T042023+0000

Ratings and Alerts

No rating or validation information has been found for pAG416GAL-ccdB.

No alerts have been found for pAG416GAL-ccdB.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Resnick SJ, et al. (2025) Multiplex neurodegeneration proteotoxicity platform reveals DNAJB6 promotes non-toxic FUS condensate gelation and inhibits neurotoxicity. Nature communications, 16(1), 10285.

Park S, et al. (2025) An adenine model of inborn metabolism errors alters TDP-43 aggregation and reduces its toxicity in yeast revealing insights into protein misfolding diseases. Microbial cell (Graz, Austria), 12, 119.

Hong SJ, et al. (2025) A multiplex method for rapidly identifying viral protease inhibitors. Molecular systems biology, 21(2), 158.

Park S, et al. (2024) Expression of Wild-Type and Mutant Human TDP-43 in Yeast Inhibits TOROID (TORC1 Organized in Inhibited Domain) Formation and Autophagy Proportionally to the Levels of TDP-43 Toxicity. International journal of molecular sciences, 25(11).