

Resource Summary Report

Generated by [dkNET](#) on Aug 30, 2026

pAG426GAL-ccdB

RRID:Addgene_14155

Type: Plasmid

Proper Citation

RRID:Addgene_14155

Plasmid Information

URL: <http://www.addgene.org/14155>

Proper Citation: RRID:Addgene_14155

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:17583893](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:pRS426; Vector Types:Yeast Expression, Gateway Cloning; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: Type of plasmid: 2-micron. 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: pAG426GAL-ccdB

Record Creation Time: 20220422T221815+0000

Record Last Update: 20260829T075642+0000

Ratings and Alerts

No rating or validation information has been found for pAG426GAL-ccdB.

No alerts have been found for pAG426GAL-ccdB.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Ghazy E, et al. (2026) Cytometric proteome profiling of GFP-tagged yeast for characterizing novel antifungals. *Communications biology*, 9(1).

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.

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

Chen E, et al. (2025) Revealing function-altering MECP2 mutations in individuals with autism spectrum disorder using yeast and *Drosophila*. *Genetics*, 231(1).

Bennett SA, et al. (2023) Impaired RNA Binding Does Not Prevent Histone Modification Changes in a FUS ALS/FTD Yeast Model. *microPublication biology*, 2023.

Gorter de Vries AR, et al. (2020) Improving Industrially Relevant Phenotypic Traits by Engineering Chromosome Copy Number in *Saccharomyces pastorianus*. *Frontiers in genetics*, 11, 518.

Becker-Kettern J, et al. (2018) NAD(P)HX repair deficiency causes central metabolic perturbations in yeast and human cells. *The FEBS journal*, 285(18), 3376.

Pitts RJ, et al. (2014) Antennal-expressed ammonium transporters in the malaria vector mosquito *Anopheles gambiae*. *PloS one*, 9(10), e111858.