Resource Summary Report

Generated by RRID on Aug 26, 2026

pAG415GAL-ccdB

RRID:Addgene_14145
Type: Plasmid

Proper Citation

RRID:Addgene_14145

Plasmid Information

URL: http://www.addgene.org/14145

Proper Citation: RRID:Addgene_14145

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: PMID:17583893

Vector Backbone Description: Backbone Size:0; Vector Backbone:pRS415; 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: pAG415GAL-ccdB

Record Creation Time: 20220422T221815+0000

Record Last Update: 20260815T080649+0000

Ratings and Alerts

No rating or validation information has been found for pAG415GAL-ccdB.

No alerts have been found for pAG415GAL-ccdB.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

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).

Park SK, et al. (2022) TDP-43 Toxicity in Yeast Is Associated with a Reduction in Autophagy, and Deletions of TIP41 and PBP1 Counteract These Effects. Viruses, 14(10).

Istiandari P, et al. (2021) Comparative Analysis of NADPH-Cytochrome P450 Reductases From Legumes for Heterologous Production of Triterpenoids in Transgenic Saccharomyces cerevisiae. Frontiers in plant science, 12, 762546.

Bicalho KU, et al. (2019) CYP712K4 Catalyzes the C-29 Oxidation of Friedelin in the Maytenus ilicifolia Quinone Methide Triterpenoid Biosynthesis Pathway. Plant & cell physiology, 60(11), 2510.

Moses T, et al. (2015) Unraveling the triterpenoid saponin biosynthesis of the African shrub Maesa lanceolata. Molecular plant, 8(1), 122.

Moses T, et al. (2015) OSC2 and CYP716A14v2 catalyze the biosynthesis of triterpenoids for the cuticle of aerial organs of Artemisia annua. The Plant cell, 27(1), 286.

Eyler DE, et al. (2013) Eukaryotic release factor 3 is required for multiple turnovers of peptide release catalysis by eukaryotic release factor 1. The Journal of biological chemistry, 288(41), 29530.