

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

[pECIA2](#)

RRID:Addgene_47032

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/47032>

Proper Citation: RRID:Addgene_47032

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:23827685](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:4349; Vector Backbone:pMT/BiP/V5/His A; Vector Types:Insect Expression, Secreted expression in Drosophila Culture; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: Inducible with 0.8 uM Copper Sulfate. Targets proteins to the extracellular milieu using the Drosophila melanogaster BiP signal peptide. Expresses in Drosophila melanogaster cell lines, such as Schneider 2 (S2) cells. Published in Ozkan et al, Cell 154(1): 228 (2013); PMID: 23827685; doi: 10.1016/j.cell.2013.06.006 After recombination, transform and grow in DH5alpha. The plasmid is no longer chloramphenicol resistant after recombination.

Plasmid Name: pECIA2

Record Creation Time: 20220422T222242+0000

Record Last Update: 20260815T081537+0000

Ratings and Alerts

No rating or validation information has been found for pECIA2.

No alerts have been found for pECIA2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.