

# Resource Summary Report

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

## [pECIA14](#)

RRID:Addgene\_47051

Type: Plasmid

### Proper Citation

RRID:Addgene\_47051

### Plasmid Information

**URL:** <http://www.addgene.org/47051>

**Proper Citation:** RRID:Addgene\_47051

**Bacterial Resistance:** Chloramphenicol and Ampicillin

**Defining Citation:** [PMID:23827685](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Backbone Size:5300; 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:** pECIA14

**Record Creation Time:** 20220422T222242+0000

**Record Last Update:** 20260815T081538+0000

### Ratings and Alerts

No rating or validation information has been found for pECIA14.

No alerts have been found for pECIA14.

### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Stouthamer J, et al. (2023) An Interactome Assay for Detecting Interactions between Extracellular Domains of Receptor Kinases. Methods in molecular biology (Clifton, N.J.), 2690, 193.

Frank MG, et al. (2006) The mystery of sleep function: current perspectives and future directions. Reviews in the neurosciences, 17(4), 375.