

# Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

## AT2G45340 K10\_pECIA14

RRID:Addgene\_114823

Type: Plasmid

### Proper Citation

RRID:Addgene\_114823

### Plasmid Information

**URL:** <http://www.addgene.org/114823>

**Proper Citation:** RRID:Addgene\_114823

**Insert Name:** AT2G45340

**Organism:** Arabidopsis thaliana

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:29320478](#)

**Vector Backbone Description:** Backbone Marker:Chris Garcia (Addgene plasmid # 47051); Vector Backbone:pECIA14; Vector Types:Insect Expression; Bacterial Resistance:Ampicillin

**Comments:** Plasmid for secreted expression in Drosophila cell culture by induction via CuSO<sub>4</sub>. Insert is an extracellular domain of indicated LRR-RK, C-terminally tagged with Pentameric rat COMP helix, Alkaline Phosphatase (human, placental), Flag, and hexahistidine tags. Insert Protein Sequence:

SSSELDILLDIKSSLDPEKRFLTSWTPDADPCSSGSFDGVACDGNRRVANISLQGMGLTGTTIPPSIGL

**Plasmid Name:** AT2G45340 K10\_pECIA14

**Record Creation Time:** 20220422T221601+0000

**Record Last Update:** 20260725T073542+0000

### Ratings and Alerts

No rating or validation information has been found for AT2G45340 K10\_pECIA14 .

No alerts have been found for AT2G45340 K10\_pECIA14 .

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.