

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 14, 2026

## AT5G58300 K8\_pECIA14

RRID:Addgene\_114807

Type: Plasmid

### Proper Citation

RRID:Addgene\_114807

### Plasmid Information

**URL:** <http://www.addgene.org/114807>

**Proper Citation:** RRID:Addgene\_114807

**Insert Name:** AT5G58300

**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:

NSDRQALLAFAASVPHLRRLNWNSTNHICKSWVGVTCCTSDGTSVHALRLPGIGLLGPIPPNTLGKLE

**Plasmid Name:** AT5G58300 K8\_pECIA14

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

**Record Last Update:** 20260808T080512+0000

### Ratings and Alerts

No rating or validation information has been found for AT5G58300 K8\_pECIA14 .

No alerts have been found for AT5G58300 K8\_pECIA14 .

---

## Data and Source Information

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

---

## Usage and Citation Metrics

We have not found any literature mentions for this resource.