

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 4, 2026

pCAG-AILR-LpIA-ER

RRID:Addgene_42574

Type: Plasmid

Proper Citation

RRID:Addgene_42574

Plasmid Information

URL: <http://www.addgene.org/42574>

Proper Citation: RRID:Addgene_42574

Insert Name: LpIA(AILR) with ER-retention sequence KDEL

Organism: E. coli

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23181687](#)

Vector Backbone Description: Backbone Size:4261; Vector Backbone:pCAG; Vector Types;; Bacterial Resistance:Ampicillin

Plasmid Name: pCAG-AILR-LpIA-ER

Relevant Mutation: Compared to wild-type LpIA: tryptophan 37 to alanine; threonine 57 to isoleucine; phenylalanine 147 to leucine; histidine 267 to arginine

Record Creation Time: 20220422T222220+0000

Record Last Update: 20260902T045441+0000

Ratings and Alerts

No rating or validation information has been found for pCAG-AILR-LpIA-ER.

No alerts have been found for pCAG-AILR-LpIA-ER.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.