

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

[pActPL-VP16AD](#)

RRID:Addgene_15305

Type: Plasmid

Proper Citation

RRID:Addgene_15305

Plasmid Information

URL: <http://www.addgene.org/15305>

Proper Citation: RRID:Addgene_15305

Insert Name: VP16AD-ZIP+

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17088209](#)

Vector Backbone Description: Backbone Size:6400; Vector Backbone:pActPL; Vector Types:Insect Expression; Bacterial Resistance:Ampicillin

Comments: The heterodimerizing leucine zipper is based on the chicken B-Zip family member Vitellogenin Binding Protein. The EE12RR345L (Zip+) domain was generated from synthetic oligonucleotides with codon usage optimized for Drosophila expression.

Plasmid Name: pActPL-VP16AD

Record Creation Time: 20220422T221838+0000

Record Last Update: 20260815T080735+0000

Ratings and Alerts

No rating or validation information has been found for pActPL-VP16AD.

No alerts have been found for pActPL-VP16AD.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Liang SY, et al. (2025) In Situ synNotch-Programmed Astrocytes Sense and Attenuate Neuronal Apoptosis. International journal of molecular sciences, 26(9).

Khan MN, et al. (2022) ERR2 and ERR3 promote the development of gamma motor neuron functional properties required for proprioceptive movement control. PLoS biology, 20(12), e3001923.

Kempton HR, et al. (2020) Multiple Input Sensing and Signal Integration Using a Split Cas12a System. Molecular cell, 78(1), 184.

Rosa JB, et al. (2018) An Ichor-dependent apical extracellular matrix regulates seamless tube shape and integrity. PLoS genetics, 14(1), e1007146.