

Resource Summary Report

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

pCaST-elav-VP16AD

RRID:Addgene_15308

Type: Plasmid

Proper Citation

RRID:Addgene_15308

Plasmid Information

URL: <http://www.addgene.org/15308>

Proper Citation: RRID:Addgene_15308

Insert Name: VP16AD-ZIP+

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17088209](#)

Vector Backbone Description: Backbone Size:13475; Vector Backbone:pCaST-elav; 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: pCaST-elav-VP16AD

Record Creation Time: 20220422T221838+0000

Record Last Update: 20260815T080733+0000

Ratings and Alerts

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

No alerts have been found for pCaST-elav-VP16AD.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Chen HM, et al. (2020) CAMIO: a transgenic CRISPR pipeline to create diverse targeted genome deletions in Drosophila. Nucleic acids research, 48(8), 4344.

Garcia-Marques J, et al. (2019) Unlimited Genetic Switches for Cell-Type-Specific Manipulation. Neuron, 104(2), 227.