

Resource Summary Report

Generated by [kravitz2](#) on Aug 9, 2026

PSL1180polyUBdsRED

RRID:Addgene_49327

Type: Plasmid

Proper Citation

RRID:Addgene_49327

Plasmid Information

URL: <http://www.addgene.org/49327>

Proper Citation: RRID:Addgene_49327

Insert Name: dsRED

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:3422; Vector Backbone:psl1180; Vector Types:Insect Expression; Bacterial Resistance:Ampicillin

Comments: Addgene's quality control sequencing finds a one nucleotide discrepancy in the Aedes aegypti PUb promoter. This discrepancy does not affect promoter function, and the plasmid should work as described.

Plasmid Name: PSL1180polyUBdsRED

Record Creation Time: 20220422T222254+0000

Record Last Update: 20260808T081747+0000

Ratings and Alerts

No rating or validation information has been found for PSL1180polyUBdsRED.

No alerts have been found for PSL1180polyUBdsRED.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Li MJ, et al. (2025) Maltase 1 regulates DENV2 infection and life history in *Aedes aegypti*. *Insect science*.

Chen X, et al. (2025) Functional Verification of Differentially Expressed Genes Following DENV2 Infection in *Aedes aegypti*. *Viruses*, 17(1).

Xie X, et al. (2024) *Aedes aegypti* Beta-1,3-Glucan-Binding Protein Inhibits Dengue and ZIKA Virus Replication. *Biomedicines*, 12(1).

Raji JI, et al. (2019) *Aedes aegypti* Mosquitoes Detect Acidic Volatiles Found in Human Odor Using the IR8a Pathway. *Current biology : CB*, 29(8), 1253.

Kistler KE, et al. (2015) Genome engineering with CRISPR-Cas9 in the mosquito *Aedes aegypti*. *Cell reports*, 11(1), 51.

Corfas RA, et al. (2015) The cation channel TRPA1 tunes mosquito thermotaxis to host temperatures. *eLife*, 4.