Resource Summary Report

Generated by dkNET on Aug 23, 2026

pnos-Cas9-nos

RRID:Addgene_62208
Type: Plasmid

Proper Citation

RRID:Addgene_62208

Plasmid Information

URL: http://www.addgene.org/62208

Proper Citation: RRID:Addgene_62208

Insert Name: cas9

Bacterial Resistance: Ampicillin

Defining Citation: PMID:25002478

Vector Backbone Description: Backbone Marker:Johannes Bischof and Konrad Basler; Backbone Size:9200; Vector Backbone:pnos; Vector Types:Insect Expression; Bacterial Resistance:Ampicillin

Comments: Please visit crisprflydesign.org for more information. Please acknowledge Fillip Port and Simon Bullock when publishing work derived from the use of this plasmid.

Plasmid Name: pnos-Cas9-nos

Record Creation Time: 20220422T222356+0000

Record Last Update: 20260815T081751+0000

Ratings and Alerts

No rating or validation information has been found for pnos-Cas9-nos.

No alerts have been found for pnos-Cas9-nos.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Yan Y, et al. (2024) Protocol for genetic engineering in Drosophila suzukii using microinjection. STAR protocols, 5(3), 103248.

Lawler CD, et al. (2024) The haplolethal gene wupA of Drosophila exhibits potential as a target for an X-poisoning gene drive. G3 (Bethesda, Md.), 14(4).

Jansen G, et al. (2024) Tolerance thresholds underlie responses to DNA damage during germline development. Genes & development, 38(13-14), 631.

Merenciano M, et al. (2023) Two-step CRISPR-Cas9 protocol for transposable element deletion in D. melanogaster natural populations. STAR protocols, 4(3), 102501.

Langmüller AM, et al. (2022) Fitness effects of CRISPR endonucleases in Drosophila melanogaster populations. eLife, 11.

Sottolano CJ, et al. (2022) Nebulous without white: annotated long-read genome assembly and CRISPR/Cas9 genome engineering in Drosophila nebulosa. G3 (Bethesda, Md.), 12(11).

López Del Amo V, et al. (2020) Small-Molecule Control of Super-Mendelian Inheritance in Gene Drives. Cell reports, 31(13), 107841.

Lamb AM, et al. (2020) ebony affects pigmentation divergence and cuticular hydrocarbons in Drosophila americana and D. novamexicana. Frontiers in ecology and evolution, 8.

Oberhofer G, et al. (2020) Gene drive and resilience through renewal with next generation Cleave and Rescue selfish genetic elements. Proceedings of the National Academy of Sciences of the United States of America, 117(16), 9013.

Oberhofer G, et al. (2019) Cleave and Rescue, a novel selfish genetic element and general strategy for gene drive. Proceedings of the National Academy of Sciences of the United States of America, 116(13), 6250.

Oberhofer G, et al. (2018) Behavior of homing endonuclease gene drives targeting genes required for viability or female fertility with multiplexed guide RNAs. Proceedings of the National Academy of Sciences of the United States of America, 115(40), E9343.

Champer J, et al. (2017) Novel CRISPR/Cas9 gene drive constructs reveal insights into mechanisms of resistance allele formation and drive efficiency in genetically diverse populations. PLoS genetics, 13(7), e1006796.