

Resource Summary Report

Generated by [dkNET](#) on Aug 25, 2026

pENTR R4-vas2-integrase-R3

RRID:Addgene_62299

Type: Plasmid

Proper Citation

RRID:Addgene_62299

Plasmid Information

URL: <http://www.addgene.org/62299>

Proper Citation: RRID:Addgene_62299

Insert Name: phageC31 integrase under control of vasa promoter and terminator

Organism: Streptomyces phage C31

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:25869647](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2700; Vector Backbone:pDONR P4r-P3r; Vector Types:Insect Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pENTR R4-vas2-integrase-R3

Record Creation Time: 20220422T222357+0000

Record Last Update: 20260815T081751+0000

Ratings and Alerts

No rating or validation information has been found for pENTR R4-vas2-integrase-R3.

No alerts have been found for pENTR R4-vas2-integrase-R3.

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 [dkNET](#) .

Haber DA, et al. (2024) Targeting mosquito X-chromosomes reveals complex transmission dynamics of sex ratio distorting gene drives. *Nature communications*, 15(1), 4983.

Klug D, et al. (2022) A toolbox of engineered mosquito lines to study salivary gland biology and malaria transmission. *PLoS pathogens*, 18(10), e1010881.

Ye Z, et al. (2020) Heterogeneous expression of the ammonium transporter AgAmt in chemosensory appendages of the malaria vector, *Anopheles gambiae*. *Insect biochemistry and molecular biology*, 120, 103360.

Werling K, et al. (2019) Steroid Hormone Function Controls Non-competitive Plasmodium Development in *Anopheles*. *Cell*, 177(2), 315.