

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 11, 2026

pBID-UASC-GRM

RRID:Addgene_35203

Type: Plasmid

Proper Citation

RRID:Addgene_35203

Plasmid Information

URL: <http://www.addgene.org/35203>

Proper Citation: RRID:Addgene_35203

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:22848718](#)

Vector Backbone Description: Backbone Marker:Ji-Wu Wang and Brian McCabe; Backbone Size:11976; Vector Backbone:pBID-UASC-GRM; Vector Types:Drosophila Transgene Expression; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: Generation of ??C31 transgenic Drosophila for GAL4 driven expression of myc tagRFP (tRFP) fusion transgenes. Gateway cloning cassette is flanked by gypsy insulator sequences to allow uniform transgene expression between insertion sites. 10 UAS binding sites, Drosophila Synthetic Core promoter (DSCP). myc-tRFP is fused to the Cterminus of genes introduced by gateway. Transgene selection using white gene. loxP site facilitates elimination of transgene markers via Cre recombinase-mediated excision with ZH-attP landing sites. Ampicillin resistant. Chloramphenicol resistant for amplification.

Plasmid Name: pBID-UASC-GRM

Record Creation Time: 20220422T222150+0000

Record Last Update: 20260808T081553+0000

Ratings and Alerts

No rating or validation information has been found for pBID-UASC-GRM.

No alerts have been found for pBID-UASC-GRM.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Soltani S, et al. (2025) New molecular components of high and low affinity iron import systems in Drosophila. Nature communications, 16(1), 5662.