

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

## pBID-UASC-G

RRID:Addgene\_35202

Type: Plasmid

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### Proper Citation

RRID:Addgene\_35202

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### Plasmid Information

**URL:** <http://www.addgene.org/35202>

**Proper Citation:** RRID:Addgene\_35202

**Bacterial Resistance:** Chloramphenicol and Ampicillin

**Defining Citation:** [PMID:22848718](#)

**Vector Backbone Description:** Backbone Marker: Ji-Wu Wang and Brian McCabe; Backbone Size: 11145; Vector Backbone: pBID-UASC-G; Vector Types: Drosophila Transgene Expression; Bacterial Resistance: Chloramphenicol and Ampicillin

**Comments:** Generation of C31 transgenic Drosophila for GAL4 driven expression. 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). 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. Please see the associated publication for more information: Wang J-W, Beck ES, McCabe BD (2012) A Modular Toolset for Recombination Transgenesis and Neurogenetic Analysis of Drosophila. PLoS ONE 7(7): e42102 <http://www.plosone.org/article/info:doi%2F10.1371%2Fjournal.pone.0042102>

**Plasmid Name:** pBID-UASC-G

**Record Creation Time:** 20220422T222150+0000

**Record Last Update:** 20260808T081553+0000

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### Ratings and Alerts

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

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

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Najera P, et al. (2025) Testis- and ovary-expressed polo-like kinase transcripts and gene duplications affect male fertility when expressed in the *Drosophila melanogaster* germline. *G3* (Bethesda, Md.), 15(1).

Sidisky JM, et al. (2021) Mayday sustains trans-synaptic BMP signaling required for synaptic maintenance with age. *eLife*, 10.

Huynh N, et al. (2019) Glycogen branching enzyme controls cellular iron homeostasis via Iron Regulatory Protein 1 and mitoNEET. *Nature communications*, 10(1), 5463.

Plazaola-Sasieta H, et al. (2019) *Drosophila* CIC-a is required in glia of the stem cell niche for proper neurogenesis and wiring of neural circuits. *Glia*, 67(12), 2374.

Conway S, et al. (2018) Pleiotropic and novel phenotypes in the *Drosophila* gut caused by mutation of drop-dead. *Journal of insect physiology*, 105, 76.

Lucchetta EM, et al. (2017) Amitosis of Polyploid Cells Regenerates Functional Stem Cells in the *Drosophila* Intestine. *Cell stem cell*, 20(5), 609.