

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

pBPGw

RRID:Addgene_17574

Type: Plasmid

Proper Citation

RRID:Addgene_17574

Plasmid Information

URL: <http://www.addgene.org/17574>

Proper Citation: RRID:Addgene_17574

Insert Name: GAL4

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:18621688](#)

Vector Backbone Description: Backbone Size:8902; Vector Backbone:pBDP; Vector Types:Insect Expression; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: pBPGw is a modular Gateway compatible promoter-less GAL4 vector amenable to high throughput in vitro cloning using Invitrogen LR clonase and specific in vivo genomic targeting using PhiC31 integrase. In addition the GAL4 CDS and yeast transcriptional terminator can easily be substituted for another driver by a directional 5' KpnI to 3' HindIII digest.

Plasmid Name: pBPGw

Record Creation Time: 20220422T222015+0000

Record Last Update: 20260902T042945+0000

Ratings and Alerts

No rating or validation information has been found for pBPGw.

No alerts have been found for pBPGw.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Merrill CB, et al. (2024) Iterative assay for transposase-accessible chromatin by sequencing to isolate functionally relevant neuronal subtypes. *Science advances*, 10(13), eadi4393.

Xu W, et al. (2023) A novel immune modulator IM33 mediates a glia-gut-neuronal axis that controls lifespan. *Neuron*, 111(20), 3244.

Bedont JL, et al. (2021) Short and long sleeping mutants reveal links between sleep and macroautophagy. *eLife*, 10.

Luan H, et al. (2020) Cre-assisted fine-mapping of neural circuits using orthogonal split inteins. *eLife*, 9.

Ahmed OM, et al. (2019) Evolution of Mechanisms that Control Mating in *Drosophila* Males. *Cell reports*, 27(9), 2527.

Janssens DH, et al. (2017) An Hdac1/Rpd3-Poised Circuit Balances Continual Self-Renewal and Rapid Restriction of Developmental Potential during Asymmetric Stem Cell Division. *Developmental cell*, 40(4), 367.

Frank MG, et al. (2006) The mystery of sleep function: current perspectives and future directions. *Reviews in the neurosciences*, 17(4), 375.