

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 1, 2026

pBPGAL4.2Uw-2

RRID:Addgene_26227

Type: Plasmid

Proper Citation

RRID:Addgene_26227

Plasmid Information

URL: <http://www.addgene.org/26227>

Proper Citation: RRID:Addgene_26227

Insert Name: GAL4

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:20697123](#)

Vector Backbone Description: Backbone Size:9223; Vector Backbone:pBPGUw; Vector Types:Insect Expression; Bacterial Resistance:Chloramphenicol and Ampicillin

Plasmid Name: pBPGAL4.2Uw-2

Record Creation Time: 20220422T222117+0000

Record Last Update: 20260829T080304+0000

Ratings and Alerts

No rating or validation information has been found for pBPGAL4.2Uw-2.

No alerts have been found for pBPGAL4.2Uw-2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Lyu C, et al. (2026) Rewiring an olfactory circuit by altering cell-surface combinatorial code. *Nature*, 649(8097), 677.

Lyu C, et al. (2025) Rewiring an olfactory circuit by altering the combinatorial code of cell-surface proteins. *bioRxiv : the preprint server for biology*.

Lyu C, et al. (2025) Dimensionality reduction simplifies synaptic partner matching in an olfactory circuit. *Science (New York, N.Y.)*, 388(6746), 538.

Lyu C, et al. (2025) Rewiring an olfactory circuit by altering the combinatorial code of cell-surface proteins. *Research square*.

Takakura M, et al. (2021) Rpd3/CoRest-mediated activity-dependent transcription regulates the flexibility in memory updating in *Drosophila*. *Nature communications*, 12(1), 628.

Lin B, et al. (2020) Collectively stabilizing and orienting posterior migratory forces disperses cell clusters in vivo. *Nature communications*, 11(1), 4477.

Riabinina O, et al. (2019) Split-QF System for Fine-Tuned Transgene Expression in *Drosophila*. *Genetics*, 212(1), 53.

Eksi SE, et al. (2018) A Distalless-responsive enhancer of the Hox gene *Sex combs reduced* is required for segment- and sex-specific sensory organ development in *Drosophila*. *PLoS genetics*, 14(4), e1007320.

Galagovsky D, et al. (2018) Sobremesa L-type Amino Acid Transporter Expressed in Glia Is Essential for Proper Timing of Development and Brain Growth. *Cell reports*, 24(12), 3156.

Wreden CC, et al. (2017) Temporal Cohorts of Lineage-Related Neurons Perform Analogous Functions in Distinct Sensorimotor Circuits. *Current biology : CB*, 27(10), 1521.