

Resource Summary Report

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

pBud-EGFP

RRID:Addgene_23027

Type: Plasmid

Proper Citation

RRID:Addgene_23027

Plasmid Information

URL: <http://www.addgene.org/23027>

Proper Citation: RRID:Addgene_23027

Insert Name: EGFP

Bacterial Resistance: Bleocin (Zeocin)

Defining Citation: [PMID:19680558](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:4578; Vector Backbone:pBudCE4.1; Vector Types:Mammalian Expression, Bacterial Expression; Bacterial Resistance:Bleocin (Zeocin)

Comments: Bigenic vector with EF-1alpha promoter and CMV promoter

Plasmid Name: pBud-EGFP

Record Creation Time: 20220422T222102+0000

Record Last Update: 20260808T081423+0000

Ratings and Alerts

No rating or validation information has been found for pBud-EGFP.

No alerts have been found for pBud-EGFP.

Data and Source Information

Source: [Addgene](#)

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](#) .

Hu Z, et al. (2025) Proximity-activated guide RNA of CRISPR-Cas12a for programmable diagnostic detection and gene regulation. *Nucleic acids research*, 53(3).

Zhou L, et al. (2021) Rare CASP6N73T variant associated with hippocampal volume exhibits decreased proteolytic activity, synaptic transmission defect, and neurodegeneration. *Scientific reports*, 11(1), 12695.

Santos JC, et al. (2020) Human GBP1 binds LPS to initiate assembly of a caspase-4 activating platform on cytosolic bacteria. *Nature communications*, 11(1), 3276.

Cui Y, et al. (2016) Epigenetic Toxicity of Trichloroethylene: A Single-Molecule Perspective. *Toxicology research*, 5(2), 641.

Chowdhury B, et al. (2015) The hypomethylating agent Decitabine causes a paradoxical increase in 5-hydroxymethylcytosine in human leukemia cells. *Scientific reports*, 5, 9281.

Paluzzi JP, et al. (2014) The heterodimeric glycoprotein hormone, GPA2/GPB5, regulates ion transport across the hindgut of the adult mosquito, *Aedes aegypti*. *PloS one*, 9(1), e86386.