

Resource Summary Report

Generated by [kravitz2](#) on Aug 12, 2026

pGWB-nLUC

RRID:Addgene_174050

Type: Plasmid

Proper Citation

RRID:Addgene_174050

Plasmid Information

URL: <http://www.addgene.org/174050>

Proper Citation: RRID:Addgene_174050

Bacterial Resistance: Chloramphenicol and Kanamycin

Defining Citation: [PMID:32976518](https://pubmed.ncbi.nlm.nih.gov/32976518/)

Vector Backbone Description: Backbone Size:13430; Vector Backbone:pCambia1300; Vector Types:Plant Expression, Luciferase; Bacterial Resistance:Chloramphenicol and Kanamycin

Comments: Firefly Luciferase Complementation Imaging Assay for Protein-Protein Interactions in Plants <https://academic.oup.com/plphys/article/146/2/323/6107098> Please note there are two mutations in HygR- E180D and A95S. Depositor confirms these do not affect plasmid function.

Plasmid Name: pGWB-nLUC

Record Creation Time: 20220422T222007+0000

Record Last Update: 20260808T081244+0000

Ratings and Alerts

No rating or validation information has been found for pGWB-nLUC.

No alerts have been found for pGWB-nLUC.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Yuan W, et al. (2025) H3.1K27M-induced misregulation of the TONSOKU-H3.1 pathway causes genomic instability. Nature communications, 16(1), 3547.

Liu W, et al. (2023) The circadian clock regulates PIF3 protein stability in parallel to red light. bioRxiv : the preprint server for biology.