

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

pGWB-cLUC

RRID:Addgene_174051

Type: Plasmid

Proper Citation

RRID:Addgene_174051

Plasmid Information

URL: <http://www.addgene.org/174051>

Proper Citation: RRID:Addgene_174051

Bacterial Resistance: Chloramphenicol and Kanamycin

Defining Citation: [PMID:32976518](#)

Vector Backbone Description: Backbone Size:12600; 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 this does not affect plasmid function.

Plasmid Name: pGWB-cLUC

Record Creation Time: 20220422T222007+0000

Record Last Update: 20260815T081037+0000

Ratings and Alerts

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

No alerts have been found for pGWB-cLUC.

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 [dkNET](#) .

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

Wang L, et al. (2021) Split-luciferase Complementation Imaging Assay to Study Protein-protein Interactions in *Nicotiana benthamiana*. Bio-protocol, 11(23), e4237.