

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pGWB501NL3F10H

RRID:Addgene_141286

Type: Plasmid

Proper Citation

RRID:Addgene_141286

Plasmid Information

URL: <http://www.addgene.org/141286>

Proper Citation: RRID:Addgene_141286

Bacterial Resistance: Chloramphenicol and Spectinomycin

Defining Citation: [PMID:31316580](#)

Vector Backbone Description: Backbone Marker:Tsuyoshi Nakagawa; Backbone Size:11165; Vector Backbone:pGWB501; Vector Types:Plant Expression, Luciferase, Gateway Cloning; Bacterial Resistance:Chloramphenicol and Spectinomycin

Comments: Plasmids pNL1.1 and pNL1.2 with NanoLUC sequence were kindly provided by Promega Corporation (UK, Delta House, Southampton Science Park, Southampton, SO16 7NS) and propagated in E. coli DH5alpha (Invitrogen, ThermoFisher Scientific, Waltham, Massachusetts, US). The NanoLUC sequence was amplified, and cloned via a pET28a(+) (Novagen, Merck, Darmstadt, Germany) intermediate vector into a pUC19 vector carrying a 3× FLAG 10× His peptide as a C-terminal translational fusion, to form NanoLUC-3× FLAG-10× His (NL3F10H). The 3× FLAG-10His was chemically synthesised by Eurogentec (Seraing, Belgium).

Plasmid Name: pGWB501NL3F10H

Record Creation Time: 20220422T221815+0000

Record Last Update: 20260725T073940+0000

Ratings and Alerts

No rating or validation information has been found for pGWB501NL3F10H.

No alerts have been found for pGWB501NL3F10H.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Urquiza-García U, et al. (2025) Abundant clock proteins point to missing molecular regulation in the plant circadian clock. Molecular systems biology, 21(4), 361.