

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

[pLEW100v5](#)

RRID:Addgene_24011

Type: Plasmid

Proper Citation

RRID:Addgene_24011

Plasmid Information

URL: <http://www.addgene.org/24011>

Proper Citation: RRID:Addgene_24011

Insert Name: Luciferase

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:5000; Vector Backbone:pLEW100; Vector Types:Trypanosome Expression; Bacterial Resistance:Ampicillin

Comments: T7 terminators added: regulated rRNAP drives luciferase, giving about 10-fold higher te-induced expression in BF than pLEW100 with no increase in background. Target locus: rRNA spacer Regulation: 2 tet Op 2 T7 terminators

Plasmid Name: pLEW100v5

Record Creation Time: 20220422T222107+0000

Record Last Update: 20260829T080228+0000

Ratings and Alerts

No rating or validation information has been found for pLEW100v5.

No alerts have been found for pLEW100v5.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Das P, et al. (2024) Resolving the polycistronic aftermath: essential role of Topoisomerase IA in preventing R-loops in Leishmania. The Journal of biological chemistry, 107162.

Ji Z, et al. (2023) Identification of the glycosylphosphatidylinositol-specific phospholipase A2 (GPI-PLA2) that mediates GPI fatty acid remodeling in Trypanosoma brucei. The Journal of biological chemistry, 299(8), 105016.

Godar S, et al. (2022) Light chain 2 is a Tctex-type related axonemal dynein light chain that regulates directional ciliary motility in Trypanosoma brucei. PLoS pathogens, 18(9), e1009984.

Bandini G, et al. (2021) An essential, kinetoplastid-specific GDP-Fuc: α -D-Gal α -1,2-fucosyltransferase is located in the mitochondrion of Trypanosoma brucei. eLife, 10.