

Resource Summary Report

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

[pGWB505](#)

RRID:Addgene_74847

Type: Plasmid

Proper Citation

RRID:Addgene_74847

Plasmid Information

URL: <http://www.addgene.org/74847>

Proper Citation: RRID:Addgene_74847

Bacterial Resistance: Chloramphenicol and Spectinomycin

Defining Citation: [PMID:17690442](#)

Vector Backbone Description: Backbone Marker:Hajdukiewicz P., Svab Z. and Maliga P.; Backbone Size:8500; Vector Backbone:pPZP221; Vector Types:Plant Expression; Bacterial Resistance:Chloramphenicol and Spectinomycin

Plasmid Name: pGWB505

Record Creation Time: 20220422T222455+0000

Record Last Update: 20260725T075126+0000

Ratings and Alerts

No rating or validation information has been found for pGWB505.

No alerts have been found for pGWB505.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Wu N, et al. (2025) Assessment of Self-Activation and Inhibition of Wheat Coiled-Coil Domain Containing NLR Immune Receptor Yr10CG. *Plants* (Basel, Switzerland), 14(2).

Trinh MDL, et al. (2024) Site-directed genotype screening for elimination of antinutritional saponins in quinoa seeds identifies TSARL1 as a master controller of saponin biosynthesis selectively in seeds. *Plant biotechnology journal*, 22(8), 2216.

Liu C, et al. (2024) Seed longevity is controlled by metacaspases. *Nature communications*, 15(1), 6748.

Kim LJ, et al. (2021) Ferroportin 3 is a dual-targeted mitochondrial/chloroplast iron exporter necessary for iron homeostasis in Arabidopsis. *The Plant journal : for cell and molecular biology*, 107(1), 215.

Medina-Puche L, et al. (2020) A Defense Pathway Linking Plasma Membrane and Chloroplasts and Co-opted by Pathogens. *Cell*, 182(5), 1109.