

Resource Summary Report

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

[pGWB514](#)

RRID:Addgene_74856

Type: Plasmid

Proper Citation

RRID:Addgene_74856

Plasmid Information

URL: <http://www.addgene.org/74856>

Proper Citation: RRID:Addgene_74856

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: pGWB514

Record Creation Time: 20220422T222455+0000

Record Last Update: 20260725T075126+0000

Ratings and Alerts

No rating or validation information has been found for pGWB514.

No alerts have been found for pGWB514.

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).

Salguero-Linares J, et al. (2025) Lack of AtMC1 catalytic activity triggers autoimmunity dependent on NLR stability. *EMBO reports*, 26(9), 2378.

Attah V, et al. (2024) Duplication and neofunctionalization of a horizontally transferred xyloglucanase as a facet of the Red Queen coevolutionary dynamic. *Proceedings of the National Academy of Sciences of the United States of America*, 121(24), e2218927121.

Attah V, et al. (2023) Duplication and neofunctionalization of a horizontally-transferred xyloglucanase as a facet of the red queen co-evolutionary dynamic. *bioRxiv : the preprint server for biology*.

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