Resource Summary Report

Generated by PRECISE-TBI on Aug 10, 2026

pLp_3050sNuc

RRID:Addgene_122030
Type: Plasmid

Proper Citation

RRID:Addgene_122030

Plasmid Information

URL: http://www.addgene.org/122030

Proper Citation: RRID:Addgene_122030

Insert Name: signal peptide Lp_3050

Organism: Signal peptide from Lp_3050 gene in Lactobacillus plantarum

Bacterial Resistance: Erythromycin

Defining Citation: PMID:19744343

Vector Backbone Description: Backbone Size:5600; Vector Backbone:spp-based expression vector (pSIP401); Vector Types:Bacterial Expression; Bacterial Resistance:Erythromycin

Comments: Plasmid for heterologous secretion of proteins in Lactobacillus plantarum and L. sakei

Plasmid Name: pLp_3050sNuc

Record Creation Time: 20220422T221638+0000

Record Last Update: 20260808T080622+0000

Ratings and Alerts

No rating or validation information has been found for pLp_3050sNuc.

No alerts have been found for pLp_3050sNuc.

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 PRECISE-TBI .

Shehu K, et al. (2025) Menadione as Antibiotic Adjuvant Against P. aeruginosa: Mechanism of Action, Efficacy and Safety. Antibiotics (Basel, Switzerland), 14(2).

Blanch-Asensio M, et al. (2024) Discovery of a high-performance phage-derived promoter/repressor system for probiotic lactobacillus engineering. Microbial cell factories, 23(1), 42.

Dey S, et al. (2023) Novel genetic modules encoding high-level antibiotic-free protein expression in probiotic lactobacilli. Microbial biotechnology, 16(6), 1264.

Blanch-Asensio M, et al. (2023) In vitro assembly of plasmid DNA for direct cloning in Lactiplantibacillus plantarum WCSF1. PloS one, 18(2), e0281625.

Bhusari S, et al. (2022) Regulating Bacterial Behavior within Hydrogels of Tunable Viscoelasticity. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 9(17), e2106026.