

Resource Summary Report

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

BUN21/pML300 (recipient strain)

RRID:Addgene_11675

Type: Plasmid

Proper Citation

RRID:Addgene_11675

Plasmid Information

URL: <http://www.addgene.org/11675>

Proper Citation: RRID:Addgene_11675

Insert Name: Red-alpha, Red-beta, Gam

Organism: Bacteriophage lambda

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:16141338](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:F'; Vector Types:Bacterial Expression; Bacterial Resistance:Spectinomycin

Comments: pML300 carries the genes encoding the *exo*, *beta*, and *gam* recombination functions of bacteriophage lambda, as well as *RecA*, to render an *E. coli* strain recombination proficient. The lambda Red-alpha, Red-beta, and Gam proteins are under the *rhaB* promoter, induced by incubation with the sugar rhamnose. The bacterial strain is BW287051 (BUN21)/pML300 (recipient strain): *lacIq rrnB3 delta-lacZ4787 hsdR514 delta-(araBAD)567 delta-(rhaBAD)568 galU95 delta-endA9::FRT delta-recA635::FRT umuC::ParaBAD-I-SceI-FRT* + pML300(*PrhaB-gam-beta-exo Ts(ori)*). Grow at 30°C in LB/Sp 50 ug/ml (spectinomycin resistant).

Plasmid Name: BUN21/pML300 (recipient strain)

Record Creation Time: 20220422T221612+0000

Record Last Update: 20260725T073602+0000

Ratings and Alerts

No rating or validation information has been found for BUN21/pML300 (recipient strain).

No alerts have been found for BUN21/pML300 (recipient strain).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.