

# Resource Summary Report

Generated by [RRID](#) on Aug 18, 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:** 20260815T080247+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).

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.