

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pGPS21loxFRTNeo

RRID:Addgene_27180

Type: Plasmid

Proper Citation

RRID:Addgene_27180

Plasmid Information

URL: <http://www.addgene.org/27180>

Proper Citation: RRID:Addgene_27180

Insert Name: lox/Frt/-PGK/EM7pm-G418/Kan-lox/Frt cassette flanked by Tn7L/R

Organism: synthetic

Bacterial Resistance: Tetracycline

Defining Citation: [PMID:15784610](#)

Vector Backbone Description: Backbone Marker:New England Biolabs; Backbone Size:3000; Vector Backbone:pGPS21; Vector Types:in vitro transposion; Bacterial Resistance:Tetracycline

Comments: The plasmid confers Kan resistance (25ug/ml) and Tet resistance (12.5ug/ml). However, it requires pir factor for replication. Note that this plasmid is supplied on a stab with only Tet. When re-plating, end users should add Kan as well. Also note that the plasmid is only considered high copy in the pir-116 strain. In a WT pir strain, it is considered low copy.

Plasmid Name: pGPS21loxFRTNeo

Record Creation Time: 20220422T222122+0000

Record Last Update: 20260815T081300+0000

Ratings and Alerts

No rating or validation information has been found for pGPS21loxFRTNeo.

No alerts have been found for pGPS21loxFRTNeo.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.