

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

pReporter_12

RRID:Addgene_60572

Type: Plasmid

Proper Citation

RRID:Addgene_60572

Plasmid Information

URL: <http://www.addgene.org/60572>

Proper Citation: RRID:Addgene_60572

Insert Name: Reporter_12

Organism: Synthetic

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:25344638](#)

Vector Backbone Description: Vector Backbone:unknown; Vector Types:Bacterial Expression; Bacterial Resistance:Chloramphenicol

Comments: This reporter plasmid contains the attB and attP sites flanking a green fluorescent protein reporter gene (gfp). A strong constitutive promoter (BBa_J23119) is placed upstream of the attB site, which transcribes in the opposite orientation as gfp. After the integrase is expressed, the orientation of gfp is inverted and it is transcribed. After inversion, recombined attB and attP sites result in the formation of attL and attR. The attL site is located on the 5'UTR and could impact gfp expression. To insulate against this effect, we included a spacer and the ribozyme RiboJ. Also contains mRFP in order to aid the gating of cells.

Plasmid Name: pReporter_12

Record Creation Time: 20220422T222348+0000

Record Last Update: 20260815T081733+0000

Ratings and Alerts

No rating or validation information has been found for pReporter_12.

No alerts have been found for pReporter_12.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.