Resource Summary Report

Generated by RRID on Aug 17, 2026

pJN105-Hygro-GFP

RRID:Addgene_41883
Type: Plasmid

Proper Citation

RRID:Addgene_41883

Plasmid Information

URL: http://www.addgene.org/41883

Proper Citation: RRID:Addgene_41883

Insert Name: Ptac::GFP-mut-2

Organism: A. victoria

Bacterial Resistance: Hygromycin

Defining Citation: PMID:15271914

Vector Backbone Description: Backbone Size:6050; Vector Backbone:pJN105; Vector Types:Bacterial Expression, Bacterial broad host range vector; Bacterial Resistance:Hygromycin

Comments: The pBBR1MCS-5 derivative of the Bordetella bronchiseptica BHR plasmid has a pBBR/BHR replicon that is maintained in L. pneumophila and is compatible with IncP, IncW, IncQ, and IncRi incompatibility groups. Plasmid pJN105 is a derivative of pBBR1MCS-5 with araC and PBAD regions before the polylinker. PCR primers with BglII sites at their 5? ends were used to amplify the region outside the gentamicin cassette in pJN105. The PCR fragment was digested with BglII, blunted with the Klenow fragment, and ligated to the blunted DdeI-DdeI hygromycin resistance fragment from pMV206.hygro to form pJN105-hygro. The Ptac-GFP fragment of pGS-GFP04 was amplified by PCR by using primers with NheI sites at their 5? ends. After digestion with NheI, this fragment was ligated with NheI-digested pJN105-hygro to form pJN105-hygro-GFP.

Plasmid Name: pJN105-Hygro-GFP

Relevant Mutation: GFP-mut-2 is GFP with Ser65Ala, Val68Leu, and Ser72Ala

Record Creation Time: 20220422T222216+0000

Record Last Update: 20260815T081448+0000

Ratings and Alerts

No rating or validation information has been found for pJN105-Hygro-GFP.

No alerts have been found for pJN105-Hygro-GFP.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We have not found any literature mentions for this resource.