

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

pGfa(B3)-nLac

RRID:Addgene_53132

Type: Plasmid

Proper Citation

RRID:Addgene_53132

Plasmid Information

URL: <http://www.addgene.org/53132>

Proper Citation: RRID:Addgene_53132

Insert Name: Gfa2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16496373](#)

Vector Backbone Description: Vector Backbone:pUC18; Vector Types:Mammalian Expression, Mouse Targeting; Bacterial Resistance:Ampicillin

Comments: This plasmid is a variant of pGfa2-nLac (Addgene plasmid #53126) constructed by inserting 3 copies of the gfa2 B segment (Besnard et al. 1991) into the Sma I site just upstream of the basal promoter. It has about 75 times higher activity than pGfa2-nLac in transfected cells, but does not work in transgenic mice; possibly the high level of expression it produces is toxic.

Plasmid Name: pGfa(B3)-nLac

Relevant Mutation: -2163 to +47, with 3 copies of the gfa2 B segment inserted into the Sma I site just upstream of the basal promoter, with the initiating ATG mutated to TTG

Record Creation Time: 20220422T222311+0000

Record Last Update: 20260801T081441+0000

Ratings and Alerts

No rating or validation information has been found for pGfa(B3)-nLac.

No alerts have been found for pGfa(B3)-nLac.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.