

Resource Summary Report

Generated by [RRID](#) on Aug 29, 2026

attB Neo* attP

RRID:Addgene_138412

Type: Plasmid

Proper Citation

RRID:Addgene_138412

Plasmid Information

URL: <http://www.addgene.org/138412>

Proper Citation: RRID:Addgene_138412

Insert Name: Neo*

Organism: Synthetic

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Stratagene; Vector Backbone:pBluescript; Vector Types:Mammalian Expression, Bacterial Expression, Mouse Targeting, att/PhiC31; Bacterial Resistance:Ampicillin

Comments: The FRT sites in plasmid pFNF #22687 were replaced by attB and attP sites. The Neo* coding sequence has an E to D mutation at residue 185 corresponding to the original residue 182 (see Yenofsky et al., 1990, <https://doi.org/10.1073/pnas.87.9.3435>). Its reduced activity could mean that the cell would have to have higher level of the mutant protein expressed in order to achieve drug resistance at the same G418 dose. This could be relevant to mouse embryonic stem cell gene targeting efficiency (also see Hanson and Sedivy, 1995, <https://doi.org/10.1128/mcb.15.1.45>).

Plasmid Name: attB Neo* attP

Record Creation Time: 20220422T221801+0000

Record Last Update: 20260829T075617+0000

Ratings and Alerts

No rating or validation information has been found for attB Neo* attP.

No alerts have been found for attB Neo* attP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.