

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

p5154

RRID:Addgene_175390

Type: Plasmid

Proper Citation

RRID:Addgene_175390

Plasmid Information

URL: <http://www.addgene.org/175390>

Proper Citation: RRID:Addgene_175390

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35361849](#)

Vector Backbone Description: Backbone Marker:Genscript; Backbone Size:2686; Vector Backbone:pUC18; Vector Types:Mouse Targeting, Cloning vector, to be used to deliver transgene into mice with dual heterologous Bxb1 attP sites; Bacterial Resistance:Ampicillin

Comments: We recommend this plasmid for the generation of the DNA donor when the inserted transgene size is 15kb. For larger insertions, we recommend the low-copy plasmid p5155 (175391). Depending on the nature of the sequence cloned into this plasmid, it may be beneficial to grow using NEB Stable, at 30C. However, just to maintain p5154 alone, DH5alpha is adequate (though we generally use DH10Beta).

Plasmid Name: p5154

Record Creation Time: 20220422T222013+0000

Record Last Update: 20260912T092329+0000

Ratings and Alerts

No rating or validation information has been found for p5154.

No alerts have been found for p5154.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.