

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

miR-124-5 promoter GFP

RRID:Addgene_20792

Type: Plasmid

Proper Citation

RRID:Addgene_20792

Plasmid Information

URL: <http://www.addgene.org/20792>

Proper Citation: RRID:Addgene_20792

Insert Name: mir-124

Organism: Danio rerio

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19240133](#)

Vector Backbone Description: Backbone Marker:Bartel Lab; Backbone Size:0; Vector Backbone:pBSII SK+ modified to introduce GFP and more cloning sites; Vector Types:zebrafish expression; Bacterial Resistance:Ampicillin

Comments: 5'-RACE (GenRacer kit, Invitrogen) identified a transcriptional start of the mir-124-5 primary transcript, which is located 1.1 kb from the mir-124-5 hairpin. A 5.6-kb fragment upstream of the mir-124-5 transcriptional start was amplified from genomic DNA using primers 1 and 2 (5'-TGCTTTGAGGCACGGTTATGGTCCC-3' and 5'-CTCGGGCAGCGGCTTTTGGTCCTG-3'). The promoter fragment was fused to a GFP reporter gene. The miRNA promoter fusion was flanked by I-SceI meganuclease recognition sites to increase the efficiency of transgenesis.

Plasmid Name: miR-124-5 promoter GFP

Record Creation Time: 20220422T222053+0000

Record Last Update: 20260815T081157+0000

Ratings and Alerts

No rating or validation information has been found for miR-124-5 promoter GFP.

No alerts have been found for miR-124-5 promoter GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.