

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

sgFFL_7x_Bulge

RRID:Addgene_59894

Type: Plasmid

Proper Citation

RRID:Addgene_59894

Plasmid Information

URL: <http://www.addgene.org/59894>

Proper Citation: RRID:Addgene_59894

Insert Name: mCherry with intron containing the mouse mir-124–3

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24847681](#)

Vector Backbone Description: Vector Backbone:pcDNA5 FRT/TO; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: To create a repressive regulatory link between the miRNA and the mCherry transcript, we added a truncated version of the mir-124-regulated 3'UTR of the Vamp3 gene to the mRNA. This 3'UTR contains one 6-mer and three 7-mer target sites complementary to the mir-124 seed region (nucleotides 2-8 from the 5' end of the miRNA). To better observe the dynamics of gene expression, we destabilized the mCherry protein using a standard PEST degradation tag.

Plasmid Name: sgFFL_7x_Bulge

Relevant Mutation: VAMP 3 UTR--has seven bulge targets (fully complementary except central three nucleotides)

Record Creation Time: 20220422T222344+0000

Record Last Update: 20260815T081727+0000

Ratings and Alerts

No rating or validation information has been found for sgFFL_7x_Bulge.

No alerts have been found for sgFFL_7x_Bulge.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.