

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

CJ40 (let-7 seed mutant perfect site)

RRID:Addgene_17773

Type: Plasmid

Proper Citation

RRID:Addgene_17773

Plasmid Information

URL: <http://www.addgene.org/17773>

Proper Citation: RRID:Addgene_17773

Insert Name: let-7 seed mutant perfect site

Organism: Drosophila melanogaster

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17589500](#)

Vector Backbone Description: Backbone Marker:David Sabatini Lab; Backbone Size:0; Vector Backbone:pMT-puro; Vector Types:Insect Expression, Luciferase, Drosophila metallothionein gene promoter drives expression; Bacterial Resistance:Ampicillin

Comments: Luciferase-reporter inserts were made by annealing oligonucleotides with their reverse complements, leaving overhangs for the indicated restriction sites (lower case): let-7-psm (gagctcACTATAACAACCTACAAGCACAactagt). Annealed oligos were ligated into SacI/Spel-cleaved pIS2. These plasmids were linearized with HindIII, polished with Klenow enzyme to create blunt ends, and digested with NotI to excise the Renilla luciferase gene with the modified UTR from the remainder of pIS2. The gel-purified Renilla gene fragment was then ligated into pMT-puro between EcoRV and NotI sites for copper-induced expression in S2 cells.

Plasmid Name: CJ40 (let-7 seed mutant perfect site)

Relevant Mutation: seed mutant

Record Creation Time: 20220422T222025+0000

Record Last Update: 20260725T074333+0000

Ratings and Alerts

No rating or validation information has been found for CJ40 (let-7 seed mutant perfect site).

No alerts have been found for CJ40 (let-7 seed mutant perfect site).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.