

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

[mutpRL-TK 5xUTR](#)

RRID:Addgene_40760

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/40760>

Proper Citation: RRID:Addgene_40760

Insert Name: 5 copies of the CXCR4 small RNA target site

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21878547](#)

Vector Backbone Description: Backbone Marker:Sharp Lab (<http://web.mit.edu/sharplab/RNAi/Cloning.html>); Vector Backbone:mutpRL-TK; Vector Types:Luciferase; Bacterial Resistance:Ampicillin

Plasmid Name: mutpRL-TK 5xUTR

Relevant Mutation: mutated from TAG to CTC at nt 387–389 of the Renilla luciferase open reading frame to generate mismatches with seed positions 5, 6, and 7 of the siRNA guide strand by PCR-directed mutagenesis

Record Creation Time: 20220422T222211+0000

Record Last Update: 20260815T081438+0000

Ratings and Alerts

No rating or validation information has been found for mutpRL-TK 5xUTR.

No alerts have been found for mutpRL-TK 5xUTR.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.