

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

[pMS81\(rpl-28p::mKate2::unc-54 3'UTR::LoxP::rps-0p::HYGR?\)](#)

RRID:Addgene_154840

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/154840>

Proper Citation: RRID:Addgene_154840

Insert Name: homology arm:rpl-28p::mKate2::unc-54 3'UTR::LoxP::rps-0p::HYGR?

Organism: Caenorhabditis elegans

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32816924](#)

Vector Backbone Description: Backbone Size:2470; Vector Backbone:pUC57; Vector Types:Worm Expression, Cre/Lox, CRISPR; Bacterial Resistance:Ampicillin

Comments: The LoxP site has a point mutation that in our hands does not noticeably impact function. The rpl-28p::mKate2::unc-54 3'UTR transgene is flanked by restriction sites to facilitate removal and replacement of this gene. Additional protocol information can be found at: github.com/phillips-lab/SLP

Plasmid Name: pMS81(rpl-28p::mKate2::unc-54 3'UTR::LoxP::rps-0p::HYGR?)

Relevant Mutation: HYGR? encodes aa 1-226

Record Creation Time: 20220422T221848+0000

Record Last Update: 20260815T080755+0000

Ratings and Alerts

No rating or validation information has been found for pMS81(rpl-28p::mKate2::unc-54 3'UTR::LoxP::rps-0p::HYGR?).

No alerts have been found for pMS81(rpl-28p::mKate2::unc-54 3'UTR::LoxP::rps-0p::HYGR?).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Moerdyk-Schauwecker MJ, et al. (2024) Expansion of the split hygromycin toolkit for transgene insertion in *Caenorhabditis elegans*. *microPublication biology*, 2024.