

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

3xEGFP-mMeikin(1-391) - hRad21(142-275, E169R, R172E) - mMeikin(387-434)

RRID:Addgene_174713

Type: Plasmid

Proper Citation

RRID:Addgene_174713

Plasmid Information

URL: <http://www.addgene.org/174713>

Proper Citation: RRID:Addgene_174713

Insert Name: Meikin

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34331869](#)

Vector Backbone Description: Vector Backbone:pCS2+; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: pNM963, compatible with in vitro transcription from SP6 promoter, C-terminal Separase cleavage site is derived from human Rad21 (aa142-275) with Separase resistant mutations (E169R, R172E), kinetochore localization is maintained by C-terminal mMeikin fragment (aa387-434) . Please visit <https://doi.org/10.1101/2020.11.29.402537> for bioRxiv preprint

Plasmid Name: 3xEGFP-mMeikin(1-391) - hRad21(142-275, E169R, R172E) - mMeikin(387-434)

Relevant Mutation: mMeikin: 1-391; hRad21: 142-275, E169R, R172E; mMeikin: 387-434

Record Creation Time: 20220422T222010+0000

Record Last Update: 20260905T075234+0000

Ratings and Alerts

No rating or validation information has been found for 3xEGFP-mMeikin(1-391) - hRad21(142-275, E169R, R172E) - mMeikin(387-434) .

No alerts have been found for 3xEGFP-mMeikin(1-391) - hRad21(142-275, E169R, R172E) - mMeikin(387-434) .

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.