

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

actc1b-mKate2-SERCA1

RRID:Addgene_109498

Type: Plasmid

Proper Citation

RRID:Addgene_109498

Plasmid Information

URL: <http://www.addgene.org/109498>

Proper Citation: RRID:Addgene_109498

Insert Name: SERCA1

Organism: Danio rerio

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32709891](#)

Vector Backbone Description: Vector Backbone:pDEST-actc1b-ccdb-mKate2; Vector Types:Zebrafish plasmids; Bacterial Resistance:Ampicillin

Comments: Addgene NGS found an L410F amino acid change within the SERCA1 translation that should not affect plasmid function

Plasmid Name: actc1b-mKate2-SERCA1

Relevant Mutation: Please see Depositor Comments

Record Creation Time: 20220422T221531+0000

Record Last Update: 20260808T080418+0000

Ratings and Alerts

No rating or validation information has been found for actc1b-mKate2-SERCA1.

No alerts have been found for actc1b-mKate2-SERCA1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.