

Resource Summary Report

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

mOtop1_pcDNA3

RRID:Addgene_114677

Type: Plasmid

Proper Citation

RRID:Addgene_114677

Plasmid Information

URL: <http://www.addgene.org/114677>

Proper Citation: RRID:Addgene_114677

Insert Name: Otopetrin 1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29371428](#)

Vector Backbone Description: Backbone Size:5429; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Note: mOtop1 contains G396A which is a known mutation/SNP

Plasmid Name: mOtop1_pcDNA3

Relevant Mutation: SNP (rs49325632): Glycine 396 to Alanine

Record Creation Time: 20220422T221600+0000

Record Last Update: 20260815T080225+0000

Ratings and Alerts

No rating or validation information has been found for mOtop1_pcDNA3.

No alerts have been found for mOtop1_pcDNA3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.