

Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

mOtop1_pGEMHE

RRID:Addgene_114674

Type: Plasmid

Proper Citation

RRID:Addgene_114674

Plasmid Information

URL: <http://www.addgene.org/114674>

Proper Citation: RRID:Addgene_114674

Insert Name: Otopetrin 1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29371428](#)

Vector Backbone Description: Backbone Size:3019; Vector Backbone:pGEMHE; Vector Types:For generating the mRNA, which can highly express in Xenopus laevis oocytes; Bacterial Resistance:Ampicillin

Plasmid Name: mOtop1_pGEMHE

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

Record Creation Time: 20220422T221600+0000

Record Last Update: 20260815T080224+0000

Ratings and Alerts

No rating or validation information has been found for mOtop1_pGEMHE.

No alerts have been found for mOtop1_pGEMHE.

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 [NIF](#) .

Fedida D, et al. (2024) Evaluating sequential and allosteric activation models in IKs channels with mutated voltage sensors. The Journal of general physiology, 156(3).