

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pGEN-mSmoA1

RRID:Addgene_37674

Type: Plasmid

Proper Citation

RRID:Addgene_37674

Plasmid Information

URL: <http://www.addgene.org/37674>

Proper Citation: RRID:Addgene_37674

Insert Name: Smo

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:10984056](#)

Vector Backbone Description: Vector Backbone:pEG; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Addgene NGS results identified a D54N variant compared to the NCBI reference [EDL13766.1].

Plasmid Name: pGEN-mSmoA1

Relevant Mutation: W539L

Record Creation Time: 20220422T222159+0000

Record Last Update: 20260725T074623+0000

Ratings and Alerts

No rating or validation information has been found for pGEN-mSmoA1.

No alerts have been found for pGEN-mSmoA1.

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](#) .

Larsen LJ, et al. (2024) mTORC1 hampers Hedgehog signaling in Tsc2 deficient cells. Life science alliance, 7(11).