

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

mCherry-Smoothened1-N-18

RRID:Addgene_55134

Type: Plasmid

Proper Citation

RRID:Addgene_55134

Plasmid Information

URL: <http://www.addgene.org/55134>

Proper Citation: RRID:Addgene_55134

Insert Name: Smoothened1

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mCherry-N1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 587; Emission = 610

Plasmid Name: mCherry-Smoothened1-N-18

Record Creation Time: 20220422T222323+0000

Record Last Update: 20260829T080716+0000

Ratings and Alerts

No rating or validation information has been found for mCherry-Smoothened1-N-18.

No alerts have been found for mCherry-Smoothened1-N-18.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Nilsson CI, et al. (2025) Somatostatin triggers local cAMP and Ca²⁺ signaling in primary cilia to modulate pancreatic β -cell function. The EMBO journal, 44(6), 1663.

Duhachek-Muggy S, et al. (2020) Radiation mitigation of the intestinal acute radiation injury in mice by 1-[(4-nitrophenyl)sulfonyl]-4-phenylpiperazine. Stem cells translational medicine, 9(1), 106.