

# Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

## mCherry-Smoothened1-N-18

RRID:Addgene\_55134

Type: Plasmid

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### Proper Citation

RRID:Addgene\_55134

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### 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:** 20260815T081647+0000

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### 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.

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### Data and Source Information

**Source:** [Addgene](#)

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### Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Nilsson CI, et al. (2025) Somatostatin triggers local cAMP and Ca<sup>2+</sup> signaling in primary cilia to modulate pancreatic  $\beta$ -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.