

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

mNeonGreen-Smad3

RRID:Addgene_172098

Type: Plasmid

Proper Citation

RRID:Addgene_172098

Plasmid Information

URL: <http://www.addgene.org/172098>

Proper Citation: RRID:Addgene_172098

Insert Name: Smad 3

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28320972](#)

Vector Backbone Description: Backbone Marker:NA; Backbone Size:5129; Vector Backbone:SuperBackbone; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Human Smad3 and mouse Smad3 contain 100% sequence identity. The NG-Smad3 construct was placed downstream of a CMV promoter, and the mCerulean3 gene was fused with a 3?? nuclear localization sequence (NLS) and placed downstream of an SV40 promoter.

Plasmid Name: mNeonGreen-Smad3

Relevant Mutation: C49S mutation in mCerulean

Record Creation Time: 20220422T221959+0000

Record Last Update: 20260801T080815+0000

Ratings and Alerts

No rating or validation information has been found for mNeonGreen-Smad3.

No alerts have been found for mNeonGreen-Smad3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.