

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

[iRFP682-Smad2](#)

RRID:Addgene_118943

Type: Plasmid

Proper Citation

RRID:Addgene_118943

Plasmid Information

URL: <http://www.addgene.org/118943>

Proper Citation: RRID:Addgene_118943

Insert Name: iRFP682-Smad2

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:29241005](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:piRFP682-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: iRFP682-Smad2

Record Creation Time: 20220422T221622+0000

Record Last Update: 20260815T080308+0000

Ratings and Alerts

No rating or validation information has been found for iRFP682-Smad2.

No alerts have been found for iRFP682-Smad2.

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 [RRID](#) .

Liu X, et al. (2024) Force-induced tail-autotomy mitochondrial fission and biogenesis of matrix-excluded mitochondrial-derived vesicles for quality control. Proceedings of the National Academy of Sciences of the United States of America, 121(14), e2217019121.

Wu JY, et al. (2023) Directed differentiation of human iPSCs into mesenchymal lineages by optogenetic control of TGF- β signaling. Cell reports, 42(5), 112509.