

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 8, 2026

pCMV-OptoTGFRs

RRID:Addgene_118942

Type: Plasmid

Proper Citation

RRID:Addgene_118942

Plasmid Information

URL: <http://www.addgene.org/118942>

Proper Citation: RRID:Addgene_118942

Insert Name: OptoTGFRs

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:29241005](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:3925; Vector Backbone:ptdToamto-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pCMV-OptoTGFRs

Record Creation Time: 20220422T221622+0000

Record Last Update: 20260808T080550+0000

Ratings and Alerts

No rating or validation information has been found for pCMV-OptoTGFRs.

No alerts have been found for pCMV-OptoTGFRs.

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 [PRECISE-TBI](#) .

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.