

Resource Summary Report

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

pcDNA5FRT-EF-Pdgfralpha-EGFPN D842V

RRID:Addgene_66789

Type: Plasmid

Proper Citation

RRID:Addgene_66789

Plasmid Information

URL: <http://www.addgene.org/66789>

Proper Citation: RRID:Addgene_66789

Insert Name: PDGFRalpha

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26290382](#)

Vector Backbone Description: Vector Backbone:pcDNA5FRT; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA5FRT-EF-Pdgfralpha-EGFPN D842V

Relevant Mutation: D842V (constitutively active)

Record Creation Time: 20220422T222419+0000

Record Last Update: 20260801T081646+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA5FRT-EF-Pdgfralpha-EGFPN D842V.

No alerts have been found for pcDNA5FRT-EF-Pdgfralpha-EGFPN D842V.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Castellan M, et al. (2021) Single-cell analyses reveal YAP/TAZ as regulators of stemness and cell plasticity in Glioblastoma. Nature cancer, 2(2), 174.

Contreras O, et al. (2021) PDGF-PDGFR network differentially regulates the fate, migration, proliferation, and cell cycle progression of myogenic cells. Cellular signalling, 84, 110036.

Patel SK, et al. (2020) Generation of diffuse intrinsic pontine glioma mouse models by brainstem-targeted in utero electroporation. Neuro-oncology, 22(3), 381.

Pathania M, et al. (2017) H3.3K27M Cooperates with Trp53 Loss and PDGFRA Gain in Mouse Embryonic Neural Progenitor Cells to Induce Invasive High-Grade Gliomas. Cancer cell, 32(5), 684.