

Resource Summary Report

Generated by [NIF](#) on Aug 10, 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: 20260808T082017+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.